(May 1963)

1 Stewart

SUBMIT IN TY

1 State RECIDaMDOMAR 0 7 1984

(Other instructive reverse side)

Form approved. Budget Bureau No. 42-R1425.

TIMU	ED S	STATE	ES.
DEPARTMENT	OF	THE	INTERIOR

	DEPARTMEN		5. LEASE DESIGNAT	TION AND SERIA	AL NO.	-				
<u></u>		SL 06770								
APPLICATIO	N FOR PERMIT	TO DRILL,	DEEPE	N, OR PL	.UG B	ACK	G. IF INDIAN, ALLO	TTEE OR TRIBE	NAME	
	ILL X	DEEPEN		PLU	G BAC	К 🗌	7. UNIT AGREEMEN Bluff U	NT NAME		
	AS OTHER		S11 Z0	NE XX	MULTIPE	Æ	8. FARM OR LEASE			
Dugan Produc	tion Corp.						9. WELL NO.		···	
P. O. Box 20	8, Farmington,	NM 87499	th any St	teta requiremen	ta * \		10. FIELD AND POO			
330' FS	L - 1980' FEL	in accordance wi	ca any pr	are requiremen			Undes. Dese	OR BLK.	- I Silid	У
At proposed prod. zoi							Sec. 29,	T39S, R	23E,	SLM
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE	*			12. COUNTY OR PAR	ISH 13. STAT	re .	
15 miles no	rthwest of Mont	<u>ezuma Creek</u>	Uta	.h			San Juan	UTA	Η	
LOCATION TO NEARES PROPERTY OR LEASE 1 (Also to nearest dri	r 330' South	line	16. NO.	2547.48	EASE		OF ACRES ASSIGNED HIS WELL			
18. DISTANCE FROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,]	/2 mile	19. PRO	6150 '		20. кота	Rotary			
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.) 5399 RKB						22. APPROX. DATE 4-30-8		TART*	
23.	I	PROPOSED CASI	NG AND	CEMENTING	PROGRA	MI .				
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT										
<u>12-1/4"</u> <u>7-7/8"</u>	9-5/8" 4-1/2"	40 11.6 & 10	.5	260' 6150'		247 1584	7 cf cf in 2 sta	ıges		

Plan to drill 8-3/4" hole with mud to test Ismay and Desert Creek formations. Plan to run logs, if zones deemed productive, plan to set 4-1/2" casing, cement in two stages, selectively perforate, frac, clean out after frac, and complete well.

A 10" 900 series BOP will be used during drilling operations. A 6" 900 series BOP will be used during completion operations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

terenter program, n unj.		
signed Sherman E. Dudan	Phone: 505 325-1821 Geologist	2-9-84
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APPROVED BY /S/ Kenneth V. Rhea	ASSOCIATE DISTRICT MANAGER	1 2 APR 1984
CONDITIONS OF APPROVAL, IF ANY :	11100	DATE

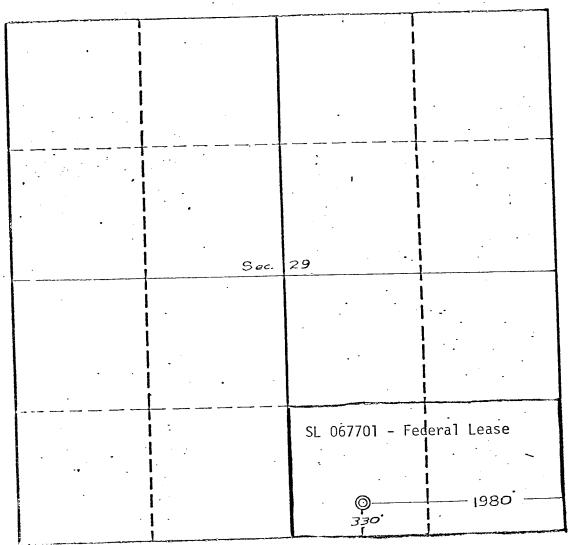
Approval is for maximum depth to the base of Paradox Formation per partial assignment of Operating Rights from Conoco, Inc.

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED

Compony Dugan Production Corporation	
Well Name & NoBluff Unit No. 16	_ _
Location 330 feet from South Line and 1980 feet from East	Line
Sec. 29 , T. 39 S., R. 23 · E., S. L. M., County San Juan Ut	
Ground Elevation5387	



Scale, 1 inch = 1,000 feet

	-						
		•	. •	January	10	 .	. 19 84
Surveyed		 					., .,

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:



Edgar L. Risenhoover
Registered Land Surveyor
New Mexico Reg. No. 5979

Non-resident certification as authorized by Utah State Law 58-22-21(b)

1. Production Facilities

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The San Juan Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Moab District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

2. Location and Type of Water Supply:

Use of water for this operation will be approved by obtaining a temporary use permit from the Utah State Engineer, (801) 637-1303 and by receiving permission from the land owner or surface management agency to use the land containing the water source.

3. Methods of Handling Waste Disposal:

A burning permit is required for burning trash between May 1 and October 31. This can be acquired by contacting the State Fire Warden, John Baker, at (801) 587-2705.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manger's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

4. Other Information:

There will be no change from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producting, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

Construction can begin at the well location provided a professional archaeologist is there to monitor all earth moving activity. At this time, the artifacts on the site should be analyzed and more detailed descriptions provided. The proposed construction location should be examined prior to earth moving in order to assess if there are additional artifacts being exposed. If at any time the monitor determines that there are in situ subsurface remains and/or features all construction activity will halt and the process of a formal assessment of damages will begin. Five copies of issuance of final archaeological clearance. A formal assessment of site significance should be provided by this report.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

5. Your contact with the District Office is: Bob Graff

Office Phone: 801-259-6111

Address: P.O. Box 970, Moab, UT 84532

Resource Area Manager's address and contacts:

Address: P.O. Box 7, Monticello, UT 84535

Your contact is: Brian Wood

Office Phone: 801-587-2201

Home Phone: 801-587-2087

6. The attached Surface Management Stipulations from BIA will supplement the Surface Use Plan.

Bureau of Indian Affairs

Transmittal of Application for Permit to Drill

Date <u>3 -27-84</u>	Lease Number <u>52 067701</u>
Operator <u>Dugan Production</u>	Sec. <u>29</u> T. <u>395</u> R. <u>23E</u>
Well No. & Name Bluff Unit #16	Footage 330 F(5) 韓L 1990 F(6) 第L
Date APD Received 3-9-84	San Juan County, What
If the proposed action meets with your apprehelow and return the copy to this office. rehabilitation stipulations in section 15 cand list any additional ones you would like cation upon receipt of these requirements. Bureau of Land Management Recological Survey	Please check the applicable surface of the attached General Requirements included. We will approve the appli-
Surface Owner Tribal	Allotted Other
I concur with the approval of the Applicati Surface Development and Operation Plan prov included in the approval.	
Date 3/27/84	BIA Representative

Surface Management Stipulations To Be Included in APD

	•	
Co	empany Dugan Production	
	11 # Buil Unit + 11	
Da	te of Inspection $2-1-84$	
PΙ	ovided by Carlos Salazaic	,
1.	All above ground structures and equipment will be panon-glare color.	ainted with the following
	Brown Fed. Standard	595a - 30318
	Green Fed. Standard	595a - 34127
	Gray Fed. Standard	595a - 36357
	Sand Fed. Standard	595a - 30277
2.	Compacted areas will be plowed or ripped to a depth reseeding. Seed will be drilled to a depth of .5 to and followed by a drag or packer. If broadcast, the will be applied at 150% of the recommended rate. The will be used. SPECIES	.75 inch or broadcast
	Crested Wheatgrass	103.7 8616/115
	Slender Wheatgrass	2
	Smooth Brome	
	Orchardgrass	
	Yellow Sweetclover	
	Sainfoin	
	Sand Dropseed	
	Alkali Sacaton	
	Indian Ricegrass	-
	Galleta	
	Needle-N-Thread	
	Squirrel tail	
	Four-Wing Saltbush	
	Shadscale	
	Cliffrose	
	Antelope Bitterbrush	
	Timothy	
	winter-rat	
	(Purity X Germination = PLS)	
3.	Topsoil will be removed and stockpiled for use in	revegetating the site.
4.	Upon abandonment, the well pad will be fenced wit strand barb wire fence, or equivalent and will have not be maintained for two years to allow for seeding estable removed.	th a standard five-
5.	Access roads not needed for through traffic will ed in accordance with $\#2$. Water bars will be construspecifications.	be barricaded and reseed- cted to the following
	% Slope	Slope Distance
	Less than 1%	400 feet
	1% - 5%	300 feet
	5% - 15% 15% - 25%	200 feet
	Greater than 25%	100 feet
		50 feet
6.	Other	

1 Stewart

1 File State of Utah SUBMIT IN TO STATE Form approved.
Budget Bureau No. 42-K1425.

UNITED STATES	(Other instructions reverse side)
A DELICHT OF THE INTERIOR	

DEPARTMENT OF	ĺ	5. LEASE DESIGNATION SL 06770	ION AND SERIAL NO.	_		
GEOLOGICA					TTEE OR TRIBE NAME	_
APPLICATION FOR PERMIT TO I	DRILL, DEEPEN	N, OR PLUG BA	4CK	d. If Indian, Alloi	TEN OR TRIBE NAME	
	EEPEN [PLUG BAC	к 🗆 📗	7. UNIT AGREEMEN Bluff U	nit	_
b. TYPE OF WELL OIL GAS WELL OTHER 2. NAME OF OPERATOR	SING		re 🗌	8. FARM OR LEASE Bluff	NAME	
Dugan Production Corp. 3. Address of Operator		GELVI		9. WELL NO.		_
P. O. Box 208, Farmington, NM 4. LOCATION OF WELL (Report location clearly and in acc	87499	te requirements.	إلالا	10. FIELD AND POO	Sluff.	na.s /
At surface 330' FSL - 1980' FEL	Le	TEB 117 1984		11. SEC., T., B., M., AND SURVEY OF	OR BLK.	
At proposed prod. zone	50°	DIVISION OF	2	Sec. 29,	T39S, R23E	, 9
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST T		GAS & MINIA	IG	12. COUNTY OR PAR	UTAH	_
15 miles northwest of Montezum 15. DISTANCE FROM PROPOSED* 330' South line PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	a Creek, Utal	of acres in lease 2547.48	17. NO. C	San Juan- DE ACRES ASSIGNED HIS WELL E	O TAN	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		FOSED DEPTH 6150	20. ROTA	RY OR CABLE TOOLS.		_
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5387 GL 5399 RKB		Privite	31.400	22. APPROX. DATE 4-30-8	WORK WILL START	: *
	SED CASING AND	CEMENTING PROGRA	M 3 36	A ST. P.	2 to 20 2 to 20	_
SIZE OF HOLE SIZE OF CASING W	EIGHT PER FOOT	SETTING DEPTH	3 0 1- 1 2 3	QUANTITY OF CI	EMENT 3	
12-1/4" 9-5/8"	40	260'	24,	7 cf	Profit is	
7-7/8" 4-1/2" 11	.6 & 10.5	6150'	1584 ## 158	cf in 2 st	ages ()	—
Plan to drill 8-3/4" hole with Plan to run logs, if zones deen in two stages, selectively perf well. A 10" 900 series BOP will be us A 6" 900 series BOP will be us In above space describe proposed program: If proposed is to drill or deepen directionally, a preventer program, if any.	ned productive forate, frac, sed during dresed during co	e, plan to set clean out aft illing operatimpletion opera APPROPRIED ONL, G DATE: ug back, Rive data our p	4-1/2 er fra 10 and 10	Coping an increase of the control of	ons and provided of spractical and product the following of product of provided of the product o	
preventer program, if any.	Phone:	505-325-1821 Geologist	e win	4 (2) 1 2 (2) 1 2 (3) 1 2 (4)		
SIGNED Sherman E. Dinjan	TITLE	ueurugist		DATE	<u> </u>	
(This space for Federal or State office use)			1			
PERMIT NO.		APPROVAL DATE				
APPROVED BY	TITLE			DATE		
CONDITIONS OF APPROVAL, IF ANY:						

DEVELOPMENTAL PLAN Bluff #16 Well T-39-S, R-23-E, SLM Sec. 29: 330' FSL & 1980' FEL San Juan County, Utah

- Existing roads are shown on Exhibit E.
 Plan to maintain existing roads, no access road needed.
- 2. Planned access road(s) None Required.
- 3. Location of existing wells is shown on Exhibit F.
- 4. Location of existing and/or proposed facilities
 - A. Existing facilities owned or controlled by lessee/operator are shown on Exhibit F.
 - B. New facilities, in the event of production, are shown on Exhibit F. Construction materials and methods: Materials obtained on site; work to be performed with a bulldozer.

 Protective measures and devices to protect livestock and wildlife: As Required.
 - C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed: As Required.
 - D. Plan to stockpile top soil per BIA request.
- 5. Location and Type of Water Supply
 - A. Location and type of water supply: San Juan River (Montezuma Creek)
 - B. Method of transporting water: Water Truck.
 - C. Water well is not to be drilled on lease.
- 6. Source of Construction Materials
 - A. Materials are to be obtained on location.
 - B. These materials are from Indian land.
 - C. These materials are to be used as follows: Level location, build pits, construct roadway to location.
- Methods for Handling Waste Disposal
 - Waste materials will be contained/disposed of as follows:
 - 1) Cuttings: Reserve Pit.
 - 2) Drilling fluids: Reserve Pit.
 - 3) Produced fluids (oil, water): Reserve Pit.
 - 4) Sewage: Drilling Contractor will provide facilities.
 - Drilling contractor will provide a portable trash pit.
 - 6) Operator will be responsible for proper cleanup when the rig is moved.
 - 7) Reserve pits will be fenced on three sides during the drilling operations and on four sides when the rig is moved from location.
- 8. Ancillary facilities: No permanent camp is planned; a trailer house will be used on location while drilling. No airstrip is planned.

- 9. Well site layout is shown on Exhibit C. Pits are to be unlined.
- 10. Plans for restoration of surface upon completion of operations:

A. Location will be leveled, recontoured, and restored as needed.

- B. Revegetation and rehabilitation will be completed per instructions from the surface management agency.
- C. Prior to rig release, pits will be fenced and so maintained until cleanup.
- D. If oil is on the pit, it will be removed or overhead flagging will be installed.
- E. Rehabilitation operations will be commenced as soon as physically possible and completed soon thereafter.
- 11. Other information

A. General description of:

1) Topography: Situated on top of McCracken Mesa; rolling sandy hills with sandstone outcrops.

2) Soil characteristics: Sandy -- exposed sandstone outcrops.

3) Geologic features: See Operations Plan, Exhibit B

4) Flora and fauna: Salt bush, black brush, cedar trees, rabbits.

B. Other surface use activities and surface ownership of all involved lands: Sheep grazing.

C. Proximity of:

1) Water: 19 miles by road to San Juan River

2) Occupied dwellings: 2 Miles North

3) Archeological: See Archeological Report.

- 4) Historical or cultural sites: Hovenweep National Monument
- 12. Lessee's or Operator's Representative

Sherman E. Dugan Dugan Production Corp. P.O. Box 208 Farmington, NM 87499

13. <u>Certification</u>: The following statement must be signed by the lessee's or operator's field representative who is identified in Item #12 of this Developmental Plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this Plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Dugan Production Corp. and its contractors and subcontractors in conformity with the Plan and the terms and conditions under which it is approved.

By: Sherman & Syan	Date: 2-9-84	
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Exhibit B

OPERATIONS PLAN
Bluff #16 Well
T-39-S, R-23-E, SLM
Sec. 29: 330' FSL & 1980' FEL
San Juan County, Utah

EXPECTED FORMATION TOPS:

Entrada	1272	Lower Ismay	59 42
Navajo	1607	Desert Creek	600 7
Wingate	1912	Zone II	6052
Chinle	2252	Zone III	608 2
_Coconino		Base DC	6112
*Hermosa	5150	*Organ Rock 3362 Total Depth	6150

LOGGING PROGRAM: IES AND CDL

Catch Samples every 10' from 5150 feet to total depth.

CASING PROGRAM:

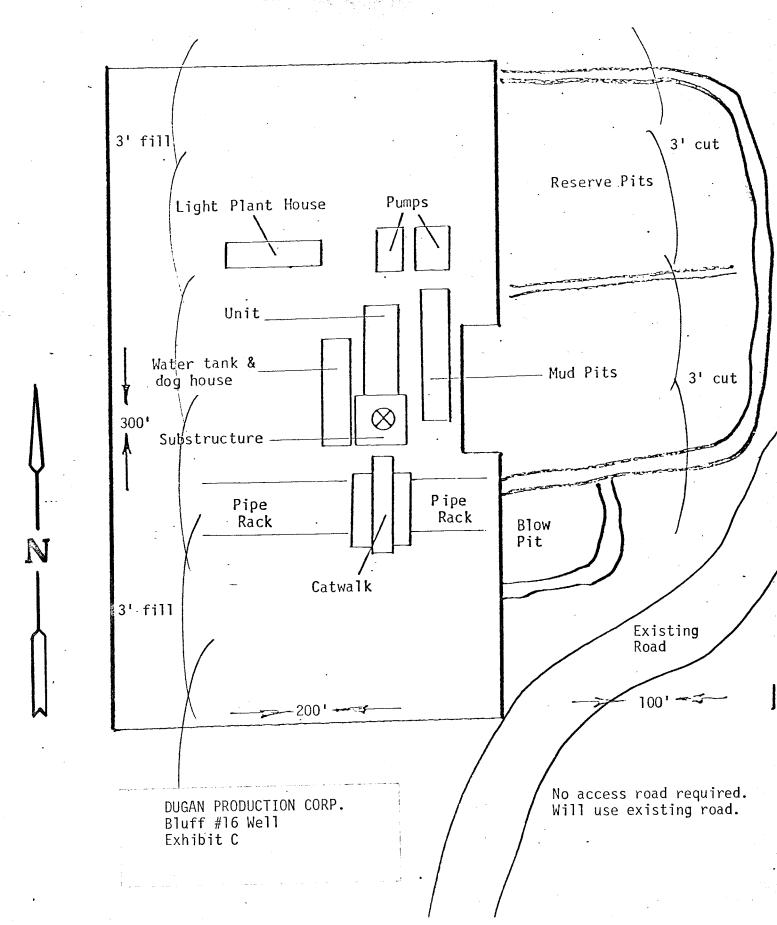
	Casing Size	Wt./Ft.	Setting <u>Depth</u>	Grade & Condition		Cementing Program
124"	9 5/8"	40	260	K-55 A	· •	Surface - Cement 260' of 9- 5/8" casing w/210 sx class "B" w/2% CaCl.
7 7/8"	41211	10.6	6050'	J-55 A		1st Stage - 225 sx lite cement followed by 200 sx class b w/10% CaCl and 6¼" gilsonite per sack. 680 cu.ft. 2nd Stage - 300 sx. 65-35 - 12% gel followed by 100 sx class B all w/¼# flocele/sk. 904 cu.ft.

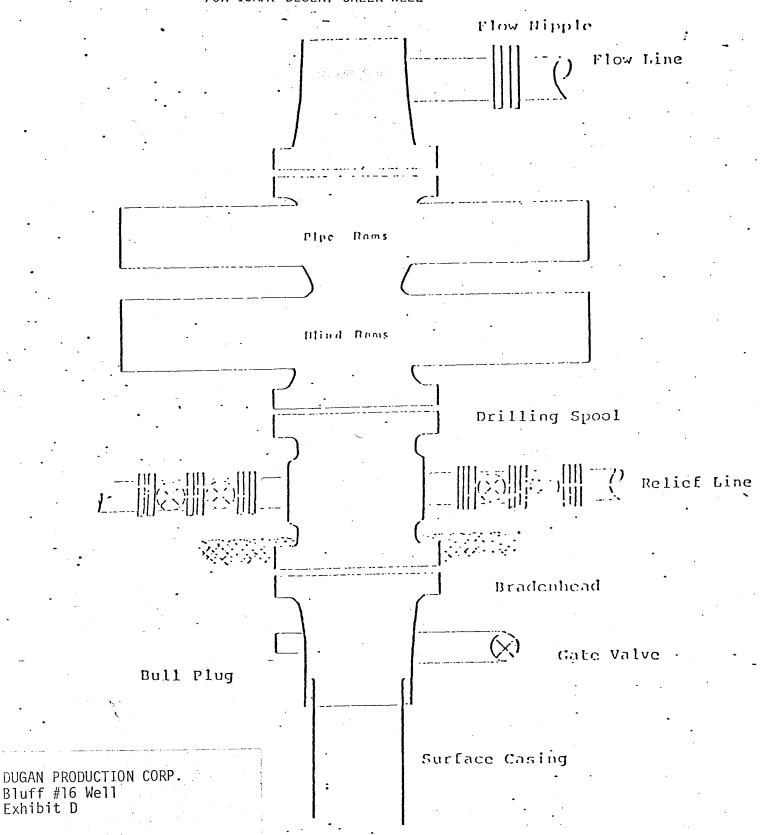
WELLHEAD EQUIPMENT:

Casing Head - 10" 900 Series
Tubing Head - 10"x 6" Series, "new" w/flanged outlets

Dugan Production Corp. Office Tom Dugan Jim Jacobs John Roe Sherman Dugan. Geo	325-1821 325-5694 325-8353 326-1034 327-4287
Sherman Dugan, Geo	327-4287
Kurt Fagrelius, Geo	334-7142
Radio Dispatch	327-2676

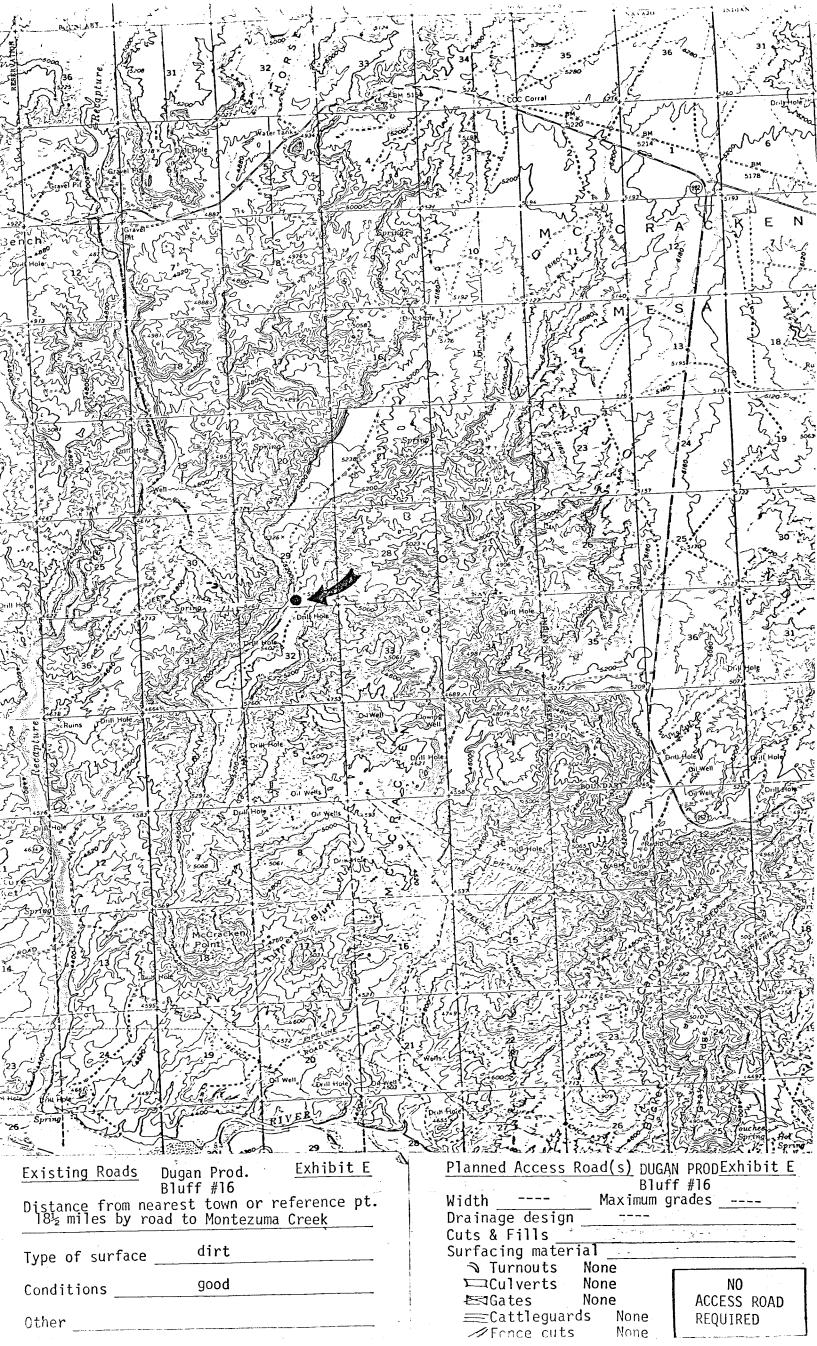
TYPICAL LOCATION
FOR
ISMAY DESERT CREEK WELL

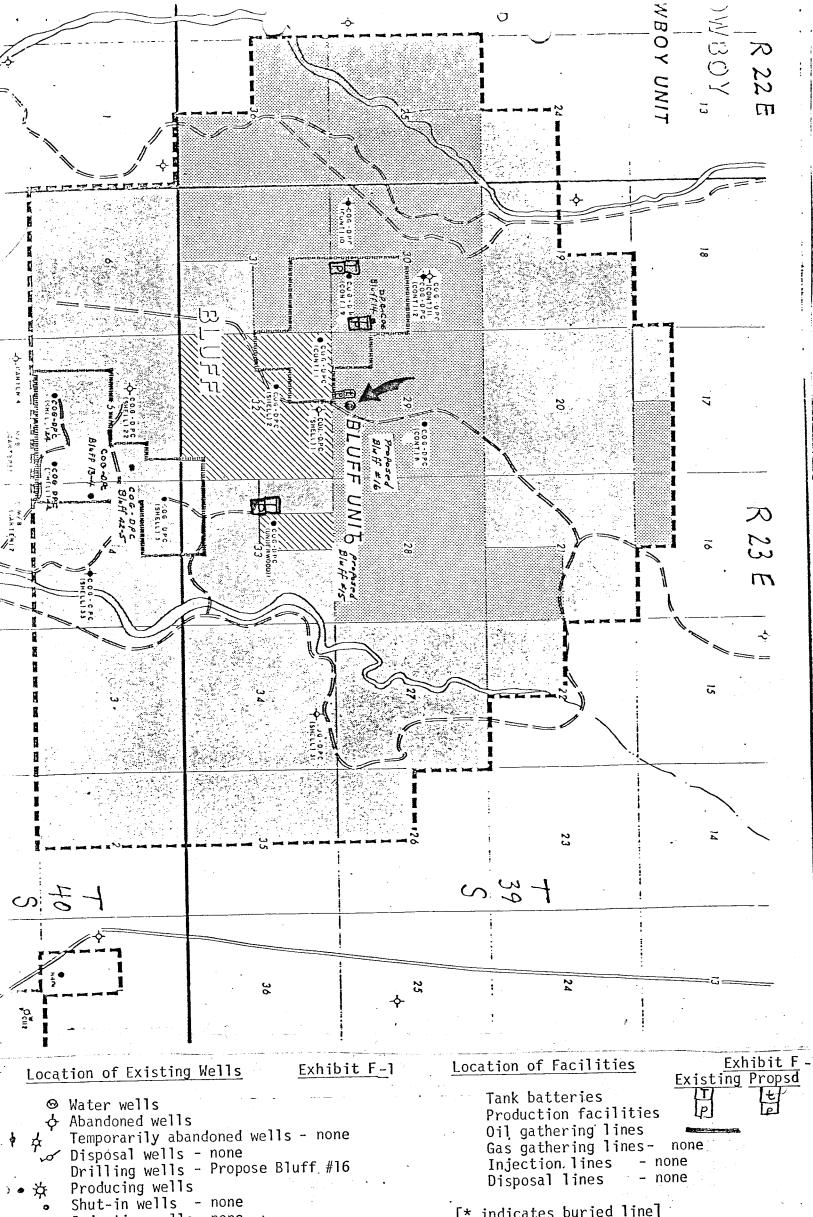




Scries 900 Double Gate ROP, rated at 3000 psi Working Pressure When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.

Exhibit D





DUGAN PRODUCTION CORP. -Bluff #16

Injection wells- none

[* indicates buried line]
DUGAN PRODUCTION CORP. - Bluff #16

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	0 4	1	Texaco		ہُ	
O be KD-Fed. Bluff Bench			£ 407	•	TD5815	
1 Carter	Recopture Pocket Mountain Min.	S. Bluff Holmes	Aneth Und	Hickman Bluff Ladd Pet.	Hickm	oan Bluff
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	O _E	32.13		0-110-7-1	ON CODE	
Note Eco. 5	4	Colo Eng. wol	18 WW.Whitley	DUGAN PRODUCTI Bluff #16 Well	UN CURP	•
A. San San		TD5865 985700	118	Exhibit F-2	gara di kacamatan	
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Colorado O&G	Pan Am Ladd Pet.	Petroleum Inc	NW Whitley	A Alco	LaddeLe	MUS ALCO
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OPERATOR Dugan Produc	tion Con		DATE 2-28	-84
WELL NAME Bluff 16				
SEC SUSE 29 14, 398	R. 23E	COUNTY _	San Juan	<u></u>
43-037-30989 API NUMBER		- FIRE	OF LEASE	
POSTING CHECK OFF:				
INDEX	MAP	•	HL	
NID			PI	
PROCESSING COMMENTS: [1337 (590	(54)			
CHIEF PETROLEUM ENGINEER REVIEW:				
APPROVAL LETTER:			· · · · · · · · · · · · · · · · · · ·	
SPACING: A-3 Bluff 4	int	c-3-a	CAUSE NO. & DATE	<u></u>
c-3-b		с-3-с		
SPECIAL LANGUAGE:				
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V	RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
V	AUTHENTICATE LEASE AND OPERATOR INFORMATION
V	VERIFY ADEQUATE AND PROPER BONDING
	AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
	APPLY SPACING CONSIDERATION
	ORDER
	UNIT Bluff
	c-3-b
	c-3-c
	CHECK DISTANCE TO NEAREST WELL.
	CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
	IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
	IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
	VERIFY LEGAL AND SUFFICIENT DRILLING WATER

March 1, 1984

Dugan Production Corporation P. O. Box 208 Farmington, New Mexico 87499

> RE: Well No. Bluff 16 SWSE Sec. 29, T. 39S, R. 23E 330' FSL, 1980' FEL San Juan County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

The following actions are necessary to fully comply with this approval:

- 1. Spudding notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-5068 (Home).
- 4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-30989.

Sincerely,

Chief Petroleum Engineer

RJF/as cc: Branch of Fluid Minerals Encl. 5 BLM, Moab

1 Stewart

UNITED STATES DEPARTMENT OF THE INTERIOR

State Of Utah Form Appr Budget Bu	oved.	1 FILE
- Booget Su	· ·	J. 42-1(1424
5. LEASE	i di	
SL 067701		
6. IF INDIAN, ALLOTTEE OR	TRIBE	NAME
	i	· · · · · ·
7. UNIT AGREEMENT NAME	<u>.</u>	
Bluff Unit		1,14
8. FARM OR LEASE NAME	Į.	
B1uff		
9. WELL NO.		1
16	<i>.</i>	
10. FIELD OR WILDCAT NAME	=	
Undesignated Des		Crook-I
11. SEC., T., R., M., OR BLK.	AND S	SURVEY OR
AREA		
Sec. 29, T39S,	R23E	, SLM
12. COUNTY OR PARISH 13		
San Juan	UTAH	2
14. API NO.		
15. ELEVATIONS (SHOW DF	KDB	AND WD
TO EFFACTIONS (SHOW DE	, KUD	,

GEOLOGICAL SORVET	
SUNDRY NOTICES AND REPERCENTED LS	7. UNIT AGREEMENT NAME SILUTE UNIT AGREEMENT NAME SILUTE S
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas well other	Bluff 9. WELL NO.
2. NAME OF OPERATOR DIVISION OF OIL	16 10. FIELD OR WILDCAT NAME
Dugan Production Corp. GAS & MINING 3. ADDRESS OF OPERATOR	Undesignated Desert Creek-Ismay
P O Box 208, Farmington, NM 87499	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	Sec. 29, T39S, R23E, SLM
AT SURFACE: 330' FSL - 1980' FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	San Juan UTAH
AT TOTAL DEPTH:	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5387' GL; 5399' RKB
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zone
REPAIR WELL PULL OR ALTER CASING	change on Form 9-330.)
MULTIPLE COMPLETE	
CHANGE ZONES	
ABANDON*	
(other) Change surface casing setting depth	
THE PROPERTY OF COMPLETED OPERATIONS (Clearly state	e all pertinent details, and give pertinent dates,

17. DESCRIBE PROPOSED OR COMPLETED (including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Request permission to amend approved APD dated 2-09-84 (approved on 4-12-84). Request permission to change surface casing setting depth from 260' to approximately 580'.

Federal approval of this action is required before commencing operations.

ROVED BY THE STATE OF UTAH DIVISION OF

Subsurface Safety Valve: Manu. and Type _

18. I hereby certify that the foregping is true and correct

Geologist

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

	SPUDDING IN	FORMATION	API #43-0	37-30989
NAME OF COMPANY:	UGAN PRODUCTION			·
WELL NAME: B11	ıff #16			
SECTION SW SE 29 TOWN	NSHIP <u>39S</u> RA	NGE 23E	COUNTY	San Juan
DRILLING CONTRACTOR	Four Corners			
RIG #_5				
SPUDDED: DATE 11-1	0-84			
TIME 5:15	5 PM			
How Rota	ary			
DRILLING WILL COMMENC				
REPORTED BY John Ro	oe	<u> </u>		
TELEPHONE #	5-1821	<u> </u>		
DATE 11-12-84		SIGNED	GL	

Form	9-331
Dec	1973

4 BLM, Moab 1 Utah 0&G Com

1 Century 1 File Form Approved.

3

UNITED STATES DEPARTMENT OF THE INTERIOR

	15.	e.	Buaget	Bureau IV	- 72	12727
5	LEASE	Ĵ		H		A CONTROL BURNESS NAME OF THE PROPERTY OF THE
	SL 067701		i i	÷.		ACCOUNTING
6	IF INDIAN, AL	LC	TTEE (OR TRIBE	NAN	ΛE

GEOLOGICAL SURVEY	6. II III 18 18 18 18 18 18 18 18 18 18 18 18 18
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME Bluff Unit
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas other	Bluff 9. WELL NO. #16
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.	10. FIELD OR WILDCAT NAME Undes. Desert Creek-Ismay
3. ADDRESS OF OPERATOR D. O. Boy 208 Farmington, NM 87499	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	Sec. 29, T39S, R23E, SLM
below.) AT SURFACE: 330' FSL - 1980' FEL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE San Juan NM
AT TOTAL DEPTH:	14. API NO. 43-037-30989
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5387' GL; 5399' RKB
(Other)	(NOTE: Report results of multiple completion or zone change on Form 9-330.) Ce casing and pressure test
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stating including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertine	ent to this work.)*
√Spudded 12¼" hole at 5:15 p.m. 11-10-	84. Drilled to 654'.
Ran 14 jts. 8-5/8" O.D., 24#, 8 Rd, 5 and cemented with 375 sx class "B" pl 11-11-84. Circulated approx. 20 bbls hrs. Pressure tested BOP and surface	ST&C, Range 3 casing. Set at 648' RKB lus 2% CaCl2. P.O.B. at 9:30 a.m. s. cement. Waited on cement 12 e casing at 600 psi for 30 min. OK.
Status at 7:00 a.m. 11-12-84: Drill	ing at 1321'.
•	
Con Cofety Valve: Manuard Type	Set @ Ft.

Subsurface Safety Valve: Manu. and Typ 18. I hereby certify that the foregoing is true and correct Geologist (This space for Federal or State office use) DATE _ _____TITLE _ APPROVED BY _______CONDITIONS OF APPROVAL, IF ANY:

Form 9-331 Dec. 1973

1 Utah O&G Com 4 BLM, Moab

1 Century 1 File Form Approved.

Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE SL 067701	
6. IF INDIAN, ALLOTTEE O	R TRIBE NAME
7. UNIT AGREEMENT NAM Bluff Unit	META TO THE
8. FARM OR LEASE NAME Bluff	
9. WELL NO. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	÷
10. FIELD OR WILDCAT NA Undes. Desert Cree	k-Ismay
11. SEC., T., R., M., OR BL AREA Sec. 29, 139S,	
12. COUNTY OR PARISH San Juan	13. STATE NM
14. API NO. 43-037-30989	

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)

well. 🔯 other well 2. NAME OF OPERATOR DUGAN PRODUCTION CORP. 3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87499 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 330' FSL - 1980' FEL AT SURFACE: AT TOP PROD. INTERVAL: AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

SUBSEQUENT REPORT OF:

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5387' GL: 5399' RKB

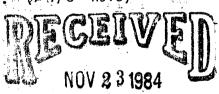
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* Change of Plans

REQUEST FOR APPROVAL TO:

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

> Plan to change size of production casing from $4\frac{1}{2}$ " to $5\frac{1}{2}$ ", 15.5# to be set at 6150' (no change) with 1000 cf of slurry.

Verbal approval obtained from Bob Graff 11-20-84.



DIVISION OF GAS & MINING

		UIL, UNO a minus	
		Set @ Ft.	
Subsurface Safety Valve: Manu. and Type			
18. I hereby certify that the foregoing is t	rue and correct		
Sun 1 Ju	TITLE Geologist	DATE 11-20-84	
Jim L. Jaco	(This space for Federal or State office	use) APPROVED BY THE STATE	
\mathcal{O}		DA OF UTAH DIVISION OF	
APPROVED BY	TITLE	OIL, GAS, AND, MINING	
CONDITIONS OF THE PROPERTY OF		DATE: / 1/23/84	-
		BY: John K. Dega	-

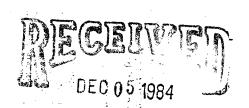
*See Instructions on Reverse Side

Form 9-331 4 BLM, Moab (1 Utah 0&G Com) 1	Century 1 File Form Approved.
UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	5. LEASE SL 067701 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a differeservoir. Use Form 9-331-C for such proposals.) 1. oil gry gas	7. UNIT AGREEMENT NAME Bluff Unit 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.	9. WELL NO. #16 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR P 0 Box 208, Farmington, NM 87499 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space below.)	Undes. Desert Creek-Ismay 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T39S, R23E, SLM
AT SURFACE: 330' FSL - 1980' FEL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	12. COUNTY OR PARISH 13. STATE San Juan NM 14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTI REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5387' GL; 5399' RKB
REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) SUBSEQUENT REPORT OF: SUBSEQUENT REPORT OF: SUBSEQUENT REPORT OF: SUBSEQUENT REPORT OF: AUX T.D., 5½"	(NOTE: Report results of multiple completion or zone change on Form 9–330.) casing & cement
17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly	state all pertinent details, and give pertinent dates,

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-22-84 <u>T.D. 6181'</u>

SEE ATTACHED FOR DETAILS OF $5\frac{1}{2}$ " casing & cement job.



DIVISION OF OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type	Set @	_ Ft.
\sim \sim \sim		
18. I hereby certify that the foregoing is true and correct SIGNED Jim L. Jacobs TITLE Geologist	DATE	
(This space for Federal or State office	e use)	
APPROVED BY TITLE	DATE	

DUGAN PRODUCTION CORP. Bluff #16

11-23-84 Rigged up and ran 152 joints of $5\frac{1}{2}$ " OD, 15.5#, 8 Rd, ST&C, J-55 casing (T.E. 6151.66') set at 6147' RKB. (Note: Logger's depth 6177', Driller's depth 6181', casing set at approx. 34' off of bottom.)

Cemented 1st stage with 10 bbls mud flush, followed by 310 sx Howco Lite cement (65/35/6) with ½# flocele per sk, followed by 190 sx class "B" with 10% NaCl, 1% CFR-2 and 6½# gilsonite per sk. (Total cement slurry first stage 825 cf). Reciprocated casing string while pumping cement, had full returns and good circulation throughout job. Final pumping pressure 750 psi. Displaced with 63 bbls fresh water, followed by 82 bbls mud. Bumped plug with 1000 psi, released pressure - float held OK. P.O.B. 9:30 AM 11-23-84. Dropped opening bomb. Opened stage tool at 3370'. Circulated with rig pump 2½ hours.

Rigged up and cemented 2nd stage with 10 bbls mud flush, followed by 460 sx 65/35 B-Poz with 12% gel and ½# flocele per sk, followed by 50 sx class "B" with ½# flocele per sk. (Total cement slurry second stage 1075 cf). Full returns and good circulation throughout job, displaced with 82 bbls fresh water. Closed stage tool with 1800 psi held 0K. Final pumping pressure 600 psi. Circulated mud flush and approx. 1 bbl cement to surface. (Total cement slurry for both stages 1900 cf). Job complete 12:45 PM 11-23-84. Nippled down B.O.P., set 5½" slips, cut off casing and released rig at 3:00 PM 11-23-84.

DEC 10 1984

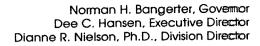
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 355-1588 West North Temple Salt Lake City, Utah 84116 84180-1203

MUSION OF OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Num	ber	Bluff #	16			4 1 ***			
Operator Dugar	n Production	Corp.	Ac	idress	P 0	Box 208,	Farmington,	NM	 87499
Contractor Four	Corners Dri	lling Co	•Ac	ldress_	P 0	Box 1067,	Farmington	, NM	8749
Location SW 14	SE 1/4 Sec.	29	_ T: _	39\$	R.	23E	County San	Juan	, UTAI
Water Sands									
Depth		<u> V c</u>	lume				Qualit	<u>У</u>	
From	То	Flow Ra	ite or	Head			Fresh or S	alty	i
1									
2						:			
3									
4									
5									
	(Continu	ue of re	verse	side i	f ne	cessary)			
Formation Tops		25, Cutl 4, Ismay	er 312	2, Coco	nino	3275, Or	rump 2943, gan Rock 332 112, Desert (
Remarks No flowing wa No tests were	ter sands we made of any	re encou possibl	e wate	r sands	· ·				
NOTE: (a) Repo	irt on this	jorm as	provi	aed fo	r in	Rule C-2	20, General	Rule	క

- and Regulations and Rules of Practice and Procedure.
 - (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 21, 1985

Dugan Production Corporation P O Box 208 Farmington, New Mexico 87499

Gentlemen:

Re: Well No. Bluff Unit 16 - Sec. 29, T. 39S., R. 23E. San Juan County, Utah - API #43-037-30989

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this office as soon as possible, but not later than March 21, 1985.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Thank you for your prompt attention to this matter.

Sincerely,

Claudia L. Jones Well Records Specialist

Claudia L. Jones

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00875/64

Form 9-331 4 BLM, Nab Utah	1 0&G Com 1 Cer	ntury 1 File Form Approved. Budget Bureau No. 42-R14
UNITED STATES	İ	5. LEASE
DEPARTMENT OF THE INT	ERIOR	SL 067701
GEOLOGICAL SURVEY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORT	S ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen reservoir, Use Form 9–331–C for such proposals.)	or plug back to a different	Bluff Unit
reservoir. Use Form 9–331–C for such proposals.)		8. FARM OR LEASE NAME 22 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
1. oil gas other		9. WELL NO. #16
2. NAME OF OPERATOR		10. FIELD OR WILDCAT NAME
DUGAN PRODUCTION CORP. 3. ADDRESS OF OPERATOR		Undes. Desert Creek-Ismay
	7499	11. SEC., T., R., M., OR BLK. AND SURVEY
4. LOCATION OF WELL (REPORT LOCATION C		AREA
below.)	FFI	Sec. 29, T39S, R23E, SLM 12. COUNTY OR PARISH 13. STATE
AT SURFACE: 330 FSL - 1900 AT TOP PROD. INTERVAL:		San Juan Farial STATE
AT TOTAL DEPTH:		14. API NO. \$ 5 5 2 0 5
16. CHECK APPROPRIATE BOX TO INDICATE	NATURE OF NOTICE,	43-037-30989
REPORT, OR OTHER DATA		15. ELEVATIONS (SHOW DF, KDB, AND W
	,	5387' GL; 5399' RKB-
REQUEST FOR APPROVAL TO: SUBSEQUENT SUBSEQUE	JENT REPORT OF:	
TEST WATER SHUT-OFF		
SHOOT OR ACIDIZE	┪ .	
REPAIR WELL	j	(NOTE: Report results of multiple completion or z
PULL OR ALTER CASING		change on Form 9–330.)
MULTIPLE COMPLETE		
CHANGE ZONES	┪	
(other) P.B.T.D		ကြောင်းသည်။ မြောင်းသည်။ ကြောင်းသည်။ မြောင်းသည်။ မြောင်းသည်။
17. DESCRIBE PROPOSED OR COMPLETED OP including estimated date of starting any promeasured and true vertical depths for all ma	nosea work, it well is a	illectionally diffied. Bive appariance locations -
P.B.T.D. of 6075'		
	RFI	
		PEIVED
	MAC	SEIVED
	אריושיי (La series de la companya de la comp
	· ·	
	2 Ullion	
	GAS &	MINIO OIL
		""ING
	,	
Subsurface Safety Valve: Manu. and Type		Set @
18. I hereby certify that the foregoing is true and	1	0.07.05
SIGNED	rLE _Geologist	DATE2-27-85
	pace for Federal or State of	
APPROVED BY	TITLE	DATE

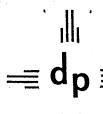
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1 Tenneco 1 File Form approved. 1 BS 7&G Com) 1 Century (1 Uta 4 BLM.Moab Form 3160-4 Budget Bureau No. 1004-0137 (November 1983) SUBMIT IN DUPLICATE. UNITED STATES Expires August 31, 1985 (formerly 9-330) (See other In-DEPARTMENT OF THE INTERIOR structions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO BUREAU OF LAND MANAGEMENT SL 067701 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 1a. TYPE OF WELL: 7. I'NIT AGREEMENT NAME WELL X GAS WELL b. TYPE OF COMPLETION: Bluff Unit DIFF. ESVR. WORK OVER PITG BACK EN DEED. WELL X MAR 0 5 1985 Bluff 2. NAME OF OPERATOR 9. WELL NO. Dugan Production Corp. #16 3. ADDRESS OF OPERATOR DIVISION OF OIL 10. FIELD AND POOL, OR WILDCAT 87499 P O Box 208, Farmington, NM Undes. Desert Greek-Ismay

11. SEC., T., R., M., OR BLOCK AND BURVEY
OR AREA 4. LOCATION OF WELL (Report location clearly and in accordance with any State regularization) 5WSE 330' FSL - 1980' FEL At top prod. interval reported below Sec.29,T39S,R23E, SLM At total depth 12. COUNTY OR 13. STATE DATE ISSUED 14. PERMIT NO. รลิที^{เร}ป็นลท 4-12-84 UTAH 2-037-30989 19. ELEV. CASINGHEAD 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 16. DATE T.D. REACHED 15. DATE SPUDDED 5387' 5387' GL; 5399' RKB 11-22-84 1-15-85 11-10-84 ROTARY TOOLS CARLE TOOLS 23. INTERVALS 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., 20. TOTAL DEPTH, MD & TVD DRILLED BY T.D. 6075' WAS DIRECTIONAL SURVEY MADE 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* Desert Creek 6001 - 6053 no TPRELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED no -and C.N.L . D. CASING RECORD (Report all strings set in well) CEMENTING RECORD AMOUNT PULLED DEPTH SET (MD) HOLE SIZE CASING SIZE WEIGHT, LB./FT. 442 cf class"B"+2% CaCl₂ 12-1/4" 648' RKB 24# 8-5/8" OD 1900 cf in 2 stages 7-7/8" 6147 RKB 15.5# 5-1/2" OD (See Reverse Side for Details of Cementing Record TUBING RECORD LINER RECORD 29. PACKER SET (MD) DEPTH SET (MD) SIZE SACKS CEMENT* SCREEN (MD) BOTTOM (MD) SIZE TOP (MD) 2-3/8" 6008' 5976 ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 31. PERFORATION RECORD (Interval, size and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) 6001-11 w/ 2 JSPF; 6029-38 w/ 2 JSPF; 6046-53 w/ 1 JSPF (Total of 50 holes) 500 gallons 15% HC 6001 - 6053' <u>6500 gallons 28% HCI</u> PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or DATE FIRST PRODUCTION shut-in) Producing 12-5-84* Flowing GAS-OIL RATIO GAS--MCF. WATER-BBL. OIL-BBL. CHOKE SIZE PROD'N. FOR DATE OF TEST HOURS TESTED TEST PERIOD 3000 15 5 1-15-85 24 OIL GRAVITY-API (CORR.) WATER-BBL. OIL-BBL. FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE GAS---MCF. 40° est. 15 Ø 5 Ø TEST WITNESSED BY 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Daniel Vigil Vented 35. LIST OF ATTACHMENTS *First New Oil To Tank 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records DATE _ Geologist TITLE __ SIGNED lim Adcobs *(See Instructions and Spaces for Additional Data on Reverse Side)

NOITEMMOOR	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP)P
				NAME	MEAS, DEPTH	TRUE VERT, DEPTH
				Navaĵo	1250'	
		28, DETAILS OF CEMENTIN (Con't. from front page)	DETAILS OF CEMENTING RECORD t. from front page)	Wingate Chinle Shinarump	1725 ' 1855 ' 2943 '	
		Cemented 1st scement (65/35, class "B" w/ sonite/sk. (To 825 cf)	stage w/ 310 sx Howco Lite 35/6) w/ ¼# flocele/sk, ¼ 190 sx / 10% NaCl, 1% CFR-2 ¼ 6¼# gil- (Total cement slurry lst stage	Moenkopi Cutler Coconino Organ Rock Hermosa Ismay	3025' 3122' 3275' 3322' 4944' 5756'	
•		Cemented 2nd 12% gel and 18 w/ 14 flo	2nd stage w/ 460 sx 65/35 B-Poz w/ nd ¼# flocele/sk, and 50 sx class flocele/sk. (Total cement slurry 1075 cf).	Desert Creek SH.	5912' . 5954'	
		TOTAL CEMENT	ВОТН STAGES 1900 сf.			
	:					
						<u></u>
•				·		

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dugan production corp.

FEB 27 (1)

February 24, 1992

Division of Oil, Gas and Mining 3 Triad Center, Suite 350 Salt Lake City, UT 87180-1203

Attn: Lisha Romero

RE: Assignment of Wells and Leases

Bluff Unit

T39 & 40S- R22 & 23E San Juan County, Utah

Dear Ms. Romero:

Pursuant to your phone call of February 21, 1992, this is to advise that Dugan Production Corp. (DPC) sold all of its interest in the wells and leases within the captioned unit in accordance with the enclosed assignment.

The wells DPC operated within said unit consisted of the following:

Hermosa Penn "A" Participating Area

75-03/-20236	Bluff	Unit -	State W	ell N	io. 1		NW	NW	32,	T39S,	R23E	
43-037-15327	Bluff	Unit -	Well No	. 9			sw	SE	30,	T39S,	R23E	
43-037-30523	Bluff	Unit -	Well No	. 14	(Tenne	eco)	NE	SE	30,	T39S,	R23E	
	Wells	outside	e P. A.	- Оре	rated	on Lease	Bas	sis				
43-037-11079	Bluff	Unit -	Underwo	od We	11 #1		SE	NW	33,	T39S,	R23E	
43-037-30989	Bluff	Unit -	Well No	. 16			SW	SE	29,	T39S,	R23E	
43-037-15-328 43-037-16538	BLUFF S	STATE #2			e of p	producing			-	T39S,		

Division of Oil, Gas and Mining Page 2 February 24, 1992

Additional wells within the Unit operated by Sterling Energy Corporation:

Hermosa Penn Participating Area (Hickman Bluff)

43-037-15864	Bluff	Unit	Well	No.	3	NW	NW	4,	T40S,	R23E
43.027.15865	Bluff	Unit	Well	No.	24-5	SE	sw	5,	T40S,	R23E
43-037-15867	Bluff	Unit	Well	No.	44-5	SE	SE	5,	T40S,	R23E
42-027-30726	Bluff	Unit	Well	No.	13-4	NW.	SW	4,	T40S,	R23E
43-037-20866	Bluff	Unit	Well	No.	42-5	SE	NE	5,	T40S,	R23E

DPC submitted a Change in Unit Operator Agreement to the BLM (copy attached) which has not been approved, as the working interest owners have not elected a successor operator yet. Sterling Energy Corporation had been designated the operator for the Hermosa Penn Participating Area wells under an agreement previously approved by the BLM and Sunfield Energy Company is acting as a Sub-Operator for the remaining wells within the Unit until a Successor Operator is formally approved.

As soon as a Successor Operator has been approved, that operator will submit the necessary sundries.

Thank you for your cooperation with this matter and if there should be any questions, please contact me.

Sincerely,

Richard Corcoran

Land Manager

RC/mmm

Enclosures

BILL OF SALE AND ASSIGNMENT: CONVEYANCE OF OIL, GAS AND MINERAL INTERESTS ("Bill of Sale and Assignment")

STATE OF UTAH
COUNTY OF SAN JUAN

KNOWN ALL MEN BY THESE PRESENTS:

- A. That Dugan Production Corp., (a/k/a Dugan Production Corporation) a New Mexico corporation, ("Assignor") whose business address is 709 East Murray Drive, P.O. Box 420, Farmington, New Mexico 87499-0420, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS in hand paid and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has GRANTED, BARGAINED, SOLD, CONVEYED, ASSIGNED, TRANSFERRED, SET OVER and DELIVERED, and by these presents does GRANT, BARGAIN, SELL, CONVEY, ASSIGN, TRANSFER, SET OVER and DELIVER effective as of September 1, 1991, unto Sunfield Energy Company, a Nevada corporation ("Assignee"), whose address is 112 East Pecan St., Suite 800, San Antonio, Texas 78205, the following:
 - 1. All of Assignor's rights, titles and interests in, to and under the Bluff Federal Unit in Utah (the "Unit", which is drawn on the map attached hereto and incorporated herein by reference as Exhibit A) and all oil, gas and/or mineral leases comprising or forming part of same, as more particularly described on Exhibit B attached hereto and incorporated herein by reference (the "Leases"). This conveyance includes, without limitation, all of Assignor's rights, titles and interests in, to and under all gas, oil, petroleum, other hydrocarbons and other minerals produced from the Unit and/or the Leases (together with the proceeds therefrom) and all wells located thereon, as well as all working, net revenue, royalty, and overriding royalty interests owned by Assignor (Assignor's share of such Unit, Leases, minerals, wells and interests collectively is referred to as the "Mineral Interests").
 - All of Assignor's rights, titles and interests in and to all equipment, casing and improvements on the Unit and/or the Leases, including without limitation the following:
 - (i) All buildings, roads, fences, gas plants, and other improvements located thereon;
 - (ii) All other rights, titles and interests of Assignor of whatever kind or character (whether now owned or hereafter acquired by operation of law or otherwise), if any, in and to the lands, rights and interests described in Exhibit B, even though such interests of Assignor may be incorrectly described in or omitted from such Exhibits, but only to the extent that such encompasses, covers or affects the Unit and/or the
 - 3. All of Assignor's interest, if any, in and rights under (including, but not limited to, rights to operate) all operating agreements, gas purchase contracts, residue gas sales contracts, oil sales contracts, letter agreements, gas products sales contracts, exchange and/or processing agreements, transportation agreements, easements, servitudes, rights-of-way, surface leases, other surface

rights agreements and other real estate interests and any other contracts and/or agreements which cover, affect or otherwise relate to the Unit and/or the Leases, as well as any renewals, extensions or amendments thereof or thereto, but only to the extent: 1) that such encompass, affect or cover the Unit and/or the Leases or the Mineral Interests; or 2) that such relate to or affect the exploration, drilling or operating of the Unit and/or the Leases or the Mineral Interests, or the treating, handling, storing, transporting or marketing of oil, gas or other minerals produced from (or allocated to) such Unit and/or Leases (all of such rights and agreements collectively the "Contract Rights");

- 4. All of Assignor's rights, titles and interests, if any, in and to all equipment (whether downhole or surface), machinery, appliances, materials, supplies, pumping units, pump jacks, tubing wellheads, pump tees, electric motors, electric boxes and lines, fittings, valves, pipelines, flow lines, gathering lines, buildings, casing, injection facilities, salt water disposal facilities, and all other personal property or fixtures used or held for use in or located on or otherwise used in connection with the exploration, drilling, handling, producing or marketing of oil and gas from, on, or through the Unit and/or the Mineral Interests or the Contract Rights (the "Equipment"), except that Dugan is not transferring that certain horizontal duplex gaso power pump, 2-1/2" 5" x 10", serial no. 21306 with its gas Ajax 8-1/2" x 10" Model CMA horizontal single cylinder engine, serial no. 58625;
- 5. All of Assignor's rights, titles and interests in the contents of all tanks, barrels, pipelines and other similar containers or receptacles located on the Unit and/or the Leases or used in conjunction with mineral production from the Unit and/or the Leases, including, without limitation, all oil, gas, casinghead gas, drip gasoline, natural gasoline, condensate, and other liquid or gaseous hydrocarbons produced from the Unit and/or the Leases or purchased by or for the benefit of Assignor subsequent to the Effective Date as hereafter defined (the "Residue").
- 6. All of Assignor's rights, titles and interests in and to the Aneth Gas Plant located in Aneth, Utah, operated by Texaco, and to all associated pipelines, real property interests, fixtures, equipment, and personal property, including, but not limited to, easements and rights-ofway (all of the foregoing collectively, the "Aneth Gas Plant Interests").
- 7. Copies of and co-ownership rights in all of Assignor's logs, DST's, other test results and raw geological and geophysical data (but in no event any of Dugan's interpretations of such data) related to the Mineral Interests, the Leases and/or the Unit (the "Data");
- 8. Copies or originals of all contracts, agreements, run tickets, and other materials and files in Dugan's possession relating to the Mineral Interests, the Leases and/or the Unit.
- B. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders, letters in lieu of transfer orders and other documents, and to do all such other and further acts and things as may be necessary, to more fully and effectively grant, convey and assign the interests conveyed hereby to Assignee. Assignee shall not attempt to use this

Paragraph B to subsequently cause Assignor to convey interests not intended to be purchased by Assignee pursuant to this Bill of Sale and Assignment or the Agreement to Purchase and Sell between Assignor and Assignee dated September 16, 1991.

- C. This Bill of Sale and Assignment shall bind and inure to the benefit of Assignor and Assignee and their respective successors and assigns to the fullest applicable extent.
- D. The rights assigned to Assignee hereunder are subject to the terms of the Leases and all contracts, assignments, rights-of-way, encumbrances, agreements, and other lease burdens of record which affect the interests in the Mineral Interests and Leases assigned herein; provided, however, that this Paragraph D. shall not reduce or impair the enforceability and validity of Assignor's representations and warranties about the Leases, the Mineral Interests, and such contracts, assignments, rights-of-way, and other matters contained in the Agreement to Purchase and Sell between Assignor and Assignee dated September 16, 1991.
- Assignee, in consideration of the Mineral Interests and other interests herein conveyed, by acceptance hereof, agrees to be responsible for and perform, at the sole expense of Assignee, all of the liabilities, obligations, and covenants of Assignor arising from or contained in the Leases and any and all other agreements hereby assigned or from operations thereunder, to the extent accruing after the date hereof; to plug and abandon any and all wells heretofore or hereafter drilled on the mineral interests with respect to which said Leases areassigned in accordance with all applicable laws, rules, and regulations; and to hold Assignor, its successors and assigns, harmless of and from any and all claims, demands, loss, cost, risk, or expense of whatsoever kind, including reasonable attorney's fees, resulting from (i) the performance of or failure to perform the plugging and abandonment obligations and covenants aforesaid, or (ii) any and all further operations by Assignee after the date hereof on or under the Leases so assigned or in the Mineral Interests, including but not limited to (to the extent on or after the date hereof) operations for or in connection with the production of oil and gas, the transportation, containment, or disposal of salt water or other deleterious substance across, thereon, therein, or therefrom, the abandonment or plugging of any well or wells thereon or the repair or removal of any material or equipment therefrom, from and after the effective date hereof.

THIS BILL OF SALE AND ASSIGNMENT IS MADE WITHOUT WARRANTY OF TITLE EXPRESS OR IMPLIED, AND THE CONVEYANCE OF WELLS, PERSONAL PROPERTY, AND EQUIPMENT MADE HEREIN IS MADE "AS IS, WHERE IS", WITHOUT WARRANTY AS TO KIND, QUANTITY OR CONDITIONS (EXCEPT FOR THE REPRESENTATIONS AND WARRANTIES CONTAINED IN THE AGREEMENT TO PURCHASE AND SELL BETWEEN ASSIGNOR AND ASSIGNEE DATED SEPTEMBER 16, 1991). ASSIGNOR MAKES NO WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PERSONAL PROPERTY AND FIXTURES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE (EXCEPT FOR THE REPRESENTATIONS AND WARRANTIES CONTAINED IN THE AGREEMENT TO PURCHASE AND SELL BETWEEN ASSIGNOR AND ASSIGNEE DATED SEPTEMBER 16, 1991).

TO HAVE AND TO HOLD THE MINERAL INTERESTS, THE EQUIPMENT, THE CONTRACT RIGHTS, THE RESIDUE, THE ANETH GAS PLANT INTERESTS, THE DATA, AND ALL OTHER PROPERTY ASSIGNED HEREIN, FOREVER.

This Bill of Sale and Assignment instrument is executed on October 17, 1991, but effective as of September 1, 1991 (the "Effective Date").

ATTEST TO THE SHE'T AND THE SHE'T ASST. ASST. Sec.

ASSIGNOR:
DUGAN PRODUCTION CORP. (a/k/a DUGAN PRODUCTION CORPORATION)

BY: Thomas A. Dugan

Thomas A. Dugan President

ASSIGNEE: SUNFIELD ENERGY COMPANY

ву: _____

Daniel P. Neelon Executive Vice President

STATE OF NEW MEXICO \$ \$ COUNTY OF SAN JUAN \$

BEFORE ME, the undersigned authority, personally appeared THOMAS A. DUGAN, President of DUGAN PRODUCTION CORP., a New Mexico Corporation, known to me to be the person and officer whose name is subscribed to the foregoing instrument, who acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the fully authorized, official act and deed of said DUGAN PRODUCTION CORP.

day of foctober, 1991, to certify which witness my hand and official

Seal.

Milded M. Miller
Notary Public, State of New Mexico
Printed Name: MILARED M. MILLER
Commission Expires: 1-30-93

STATE OF NEW MEXICO
COUNTY OF SAN JUAN

.

BEFORE ME, the undersigned authority, personally appeared Daniel P. Neelon, Executive Vice President of SUNFIELD ENERGY COMPANY, a Nevada corporation, known to me to be the person and officer whose name is subscribed to the foregoing instrument, who acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the fully authorized, official act and deed of said SUNFIELD ENERGY COMPANY.

ACKNOWLEDGED, SUBSCRIBED AND SWORN to before me on this 17th day of October, 1991, to certify which witness my hand and official Seal.

PODLIC

Milded M. Miller

Notary Public, State of New Mexico

Printed Name: MILLER M. MILLER

Commission Expires: 1-30-93

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Blutt Federal Unit San Juan County, Utah

LEAGE MUNICIPED	DESCRIPTION	ACRES *
LEASE NUMBER	Township 39 South, Range 23 East	960.00
SL-067706-A	Sec. 22: SW/4	
	Sec. 26: SW/4	
	Sec. 27: All	
	Township 39 South, Range 23 East	80.00
ML-4858	Sec. 18: S/2 SW/4	
SL-087699-A	Township 39 South, Range 23 East	00.08
SL-087000-71	Sec. 17: S/2 SE/4	
SL-067700-A	Township 39 South, Range 23 East	1876.13
SL-007700-70	Sec. 17: S/2 SW/4	
	Sec. 19: Lots 3, 4, E/2 SW/4, E/2	
	Sec. 20: All	
	Sec. 21: N/2, 9W/4	
	Township 39 South, Range 22 East	160.00
SL-067691-A	Sec. 24: SE/4	•
	58C. 24: 5E4	_
SL-067692 -A	Township 39 South, Range 22 East	600.00
31-001002	Sec. 26: 9/2, NW/4, 9/2 NE/4,	
•	NWI4 NEI4	
	Township 39 South, Range 22 East	40.00
ML-2004	Sec. 25: NE/4 NE/4	
*		2547,48
SL-087701	Township 39 South, Range 23 East	2541.46
~	Sec. 21: SE/4	
	Sec. 28: All	
	Sec. 29: All	
	Sec. 30: All	
	Sec. 31: N/2, SW/4	
ML-4857	Township 39 South, Range 22 East	480.00
MC-1007	Sec. 38: N/2, SE/4	
ml 007740 4	Township 39 South, Range 23 East	1680.00
SL-067710-A	Sec. 31: 3E/4	
	Sec. 33: E/2, W/2 NW/4, SW/4	
	Soc. 34: All	
	Sec. 35: W/2	

*More or Less

LEASE NUMBER	DESCRIPTION	ACRE8 *
8L-067710-C	Township 39 South, Range 23 East 8ec. 33: E/2 NW/4	80.00
ML-2008	Township 39 South, Range 23 East Sec. 32: SE/4 8E/4 8E/4	10.00
ML-2008-A	Township 39 South, Range 23 East Sec. 32: N/2, SW/4, W/2 SE/4, NE/4 SE/4, N/2 SE/4 SE/4, SW/4 SE/4 SE/4	630.00
SL-071404-A	Township 40 South, Range 23 East Sec. 6: All	636.44
SL-071403-A	Township 40 South, Range 23 East Sec. 3: All Sec. 4: All Sec. 5: All	1920.00
ML-2780	Township 40 South, Range 23 East Sec. 2; W/2	. 320.00
	TOTAL	11900.05

*More or Less

CHANGE IN UNIT OPERATOR

Bluff Unit Area County Of San Juan State of Utah No. 782

This indenture, dated as of the 14th day of October, 1991, by and between Dugan Production Corp., hereinafter designated as "First Party", and Sunfield Energy Company, hereinafter designated as "Second Party".

WITHESSETH:

Whereas under the provisions of the Act of February 25, 1920, 41 Stat. 437 30 U.S.C. secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 17th day of May, 1951, approved a Unit Agreement for the Bluff Unit Area, wherein the First Party is designated as Unit Operator; and

Whereas the First Party desires to transfer, assign, release, and quitclaim, and the Second Party desires to assume all the rights, duties and obligations of Unit Operator under the Unit Agreement; and

Whereas for sufficient and valuable consideration, the receipt whereof is hereby acknowledged, the First Party has transferred, conveyed, and assigned all its rights under certain operating agreements involving lands within the area set forth in said unit agreement unto the Second Party;

Now, therefore, in consideration of the premises hereinabove set forth, the First Party does hereby transfer, assign, release, and quitclaim unto Second Party all of First Party's rights, duties, and obligations as Unit Operator under said unit agreement; and

Second Party hereby accepts this assignment and hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of said unit agreement to the full extent set forth in this assignment, effective upon approval of this indenture by the Chief, Branch of Fluid Kinerals, Bureau of Land Management, Robert A. Henricks; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

In witness whereof, the parties hereto have executed this instrument as of the date hereinabove set forth.

First Party:

WITNESS my hand and seal	DUGAN PRODUCTION PORP.
this 10th of 16tober, 1991.	By: Shonay A. Wugan
Mildred In. miller	Title: Aesident
Melded M. Meller Notary Public My commission expires 1-30-93	
, , ,	Second Party:
WITNESS my hand and seat	SUMFIELD EMERGY COMPANY
this 1th day of Chober, 1991.	By: Namel T. Neelon
mildred In Miller	Title: Executive Vice President
Manager Dubblic	
My Commission expires 1-30-93	
I hereby approve the foregoing indenture designating	
Sunfield Energy Company as Unit Operator under the Unit Agreement for the Bluff Unit Area, this	
day of, 1991.	
Authorized officer of the Bureau of Land Hanagement:	
Robert A. Henricks	

Chief, Branch of Fluid Minerals

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

[]	Well File [] Suspense XXX Other (Return Date) OPERATOR CHANGE (API No.)
1.	Date of Phone Call: 8-24-92 Time: 11:00
2.	DOGM Employee (name) L. ROMERO (Initiated Call *** Talked to: Name JOHN
3.	Topic of Conversation: OPERATOR CHANGE FROM DUGAN PRODUCTION CORP. TO SUNFIELD ENERGY COMPANY.
4.	Highlights of Conversation: BLM/SL APPROVED BLUFF UNIT "HRMS A P.A." FROM DUGAN TO SUNFIELD 8-11-92. (43-037-20236, 43-037-15327 & 43-037-30533) BLM/MOAB DOES NOT HAVE ANY REQUESTS FOR OPERATOR CHANGE FOR 43-037-11079, 43-037-30989 & 43-037-15328 (WELLS ON LEASE BASIS), REFERRED HIM TO THE BLM/MOAB. REQUESTED DOC FOR STATE LEASE WELL 43-037-16538 & 43-037-20236 & REFERRED HIM TO STATE LANDS. CONFIRMED ADDRESS & CONTACT PERSON IN REGARD TO PRODUCTION & DISP. REPORTS.

Clusted 1999 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS Solution of the proposal to definite or to deepen or recently to a different reservoir. SUNDRY NOTICES AND REPORTS ON WELLS S. Learn Department of the deepen or recently to a different reservoir. SUBMIT IN TRIPLICATE The work of the proposal to deepen or recently to a different reservoir. SUBMIT IN TRIPLICATE The work of the proposal to the proposal to deepen or recently to a different reservoir. If Unit or CA. Agreement Designation SUBMIT IN TRIPLICATE The work of the proposal to the propo		•		*	·
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals 7. If Uok or CA. Agreement Designation 7. If Uok or		DEPARTME	NT OF THE INTERIOR		Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
Type of West West Open Substitution Open Substitution Open Substitution Open Substitution Open Op	Do not use this for	rm for proposals to di	rill or to deepen or reentry to a di	ifferent reservolr.	
END Operator Operator 2. Name of Operator Surficial Energy Company 3. Address and Telephone No. 4. Location of Well (Postage, Sec., T., R. M., or Survey Description) Please See Below: 2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA Type OF SUBMISSION Type OF SUBMISSION Type OF SUBMISSION Notice of Inters Abandouvers Abandouv		SUBMIT	IN TRIPLICATE		7. If Unit or CA, Agreement Designation
Sunfield Energy Company 3. Advantant Telephone No. 3. Advantant Telephone No. 3. Associate District Manager 5. AM Well No. 6. Associate District Manager 6. AM Well No. 6. All Jun County or Periol, State Field 11. Comparis or Exploratory Area Field 11. Comparis or Periol, State 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 13. Abandonment 14. Recompletion 15. Describe of Instant 16. Abandonment 17. Recombetion Report 18. Cherge of Plans 18. New Construction 19. Describe Proposed or Completed Operations Clearly stude all persistent defaults and give persised dates of studing students and work for all markers and some persistent to this work.) 19. Describe Proposed or Completed Operations Clearly stude all persistent defaults and some persistent to this work.) 19. Describe Proposed or Completed Operations Clearly stude all persistent defaults and some persistent to this work.) 19. Describe Proposed or Completed Operations Clearly stude all persistent defaults and some persistent to this work.) 19. Describe Proposed or Completed Operations Clearly stude all persistent defaults and some persistent to this work.) 19. Describe Proposed or Completed Operations Clearly stude and persistent defaults and some persistent to this work.) 19. Describe Proposed or Completed Operations Clearly stude is directionally default and some students and	V Well Gas Well	Other		<u> </u>	8. Well Name and No.
3315 Bloomfield Highway, Farmington, New Mexico 87401 505-326-5525 [In. Field and Pool, or Exploratory Area Field Course of Well (Process, Sec., T. R. M. or Survey Description) Field Course of Parish, State Please See Below: San Juan Country, Utah TYPE OF SUBMISSION TYPE OF ACTION Change of Plans New Construction N	Sunfield Ener	gy Company	·		
Please See Below: CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION	3315 Bloomfie	eld Highway, Far	nington, New Mexico 87401	505-326+5525	10. Pield and Pool, or Exploratory Area Field
TYPE OF SUBMISSION TYPE OF SUBMISSION Notice of Intent ng Submissi	Please See Be	elow:		ı	
TYPE OF SUBMISSION Notice of Intent	12. CHECK A	PPROPRIATE BOX	s) TO INDICATE NATURE OF	NOTICE, REPOR	
Subsequent Report Recompletion Pugging Back Non-Routine Fracturing		***************************************			
13. Describe Proposed or Completed Operations (Clearly state all pertinent detalls, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and sones pertinent to this work.)* PLEASE BE ADVISED THAT SUNFIELD ENERGY COMPANY HAS ASSUMED OPERATING RIGHTS FOR THE BLUFF UNIT #892000782A FROM DUGAN PRODUCTION CORP., EFFECTIVE IMMEDIATELY. THE WELLS ARE REFERENCED BELOW FOR YOUR REFERENCE: \$\frac{\text{25-Bluff Unit #8 29-395-23E}{\text{25-Bluff Unit #8 29-395-23E}} \text{\$\text{Unit WAW}\$} \text{\$\text{Unit WAW}\$} \text{\$\text{Bluff Unit #10 30-395-23E}} \text{\$\text{Unit WAW}\$} \text{\$\text{Unit WAW}\$} \text{\$\text{Bluff Unit #12 30-395-23E}} \text{\$\text{Unit WAW}\$} \text{\$\text{Bluff Unit #12 30-395-23E}} \text{\$\text{Unit VWW}\$} \text{\$\text{Bluff Unit #12 30-395-23E}} \text{\$\text{Unit YOUT -43-037-20946}} \text{\$\text{Bluff Unit #16 29-395-23E}} \text{\$\text{Unit YOUT -43-037-20946}} \text{\$\text{Bluff Unit #16 29-395-23E}} \text{\$\text{Unit YOUT -43-037-20989}} \$\text{UNIT YOUT -43-037-	Subsequent	t Report	Recompletion Plugging Back Casing Repair Altering Casing	ion of Operato	New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
Wells are referenced below for your reference: 9/85-Bluff Unit #8 29-39S-23E 54 007766 43.037-15326 Bluff Unit #9 30-39S-23E 54 007761-43-037-15326 # John Hold Unit #12 30-39S-23E 54 007761-43-037-20046 Bluff Unit #12 30-39S-23E 54 007761-43-037-20046 Bluff Unit #12 30-39S-23E 54 007761-43-037-30989 # Underwood Bluff Unit #1 33-39S-23E -43-037-11079 # January Company Currently Operates under statewide blm federal bond #B03571 Sunfield energy company currently operates under statewide blm federal bond #B03571 Tide Landman Tide Landman Object # John # Jo	PLEASE BE ADV	ISED THAT SUNFIE	LD ENERGY COMPANY HAS AS:	ols work.)* STIMED OPERATEN	Completion or Recompletion Report and Log (orm.) any proposed work. If well is directionally drilled IC PICHTS FOR THE
14. I hereby certify that the foregoing is true and correct Signed / // Lindan Title Landman Onto 7/16/93 This space for Pederal on State office use) Approved by // Approved by // Title Associate District Manager Conditions of Approval, if Aby: 24 8/18/93	WELLS ARE REF 1/2 9/85-Bluff Unit Bluff Unit Bluff Unit Bluff Unit Bluff Unit Bluff Unit Winderwood	#8 29-39S-23E #9-30-39S-23E #10 30-39S-23E #12 30-39S-23E #14 30-39S-23E #16 29-39S-23E Bluff Unit #1 3 ** SL 067710 C	R YOUR REFERENCE: 34.06776	126 Lff. 9 5328 20046 10989 1079	HUAB DISTRICT 93 AUG 11 548 DEPARTHENT GEOMETER GONDEN BONDEN BOND
Approved by Approved if any: Leg His/93 Conditions of Approved if Any: Conditions of Any: Conditio	14. I hereby certify that the total	regging is true and correct			7: 49
Conditions of Approval, if any: OND'TICLE OF ACTIONS A STEEL OF ACTIONS A STEEL OF ACTIONS ASSESSMENT OF ACTION ASSESSMENT ASSESSMENT OF ACTION ASSESSMENT A		State office use)			Date7/16/93
- 110 (CE)		-	Tide	ct Manager	Desc_ <i>B//B/93</i>
	~			TRACHER	•

"See Instruction on Reverse Side

Sunfield Energy Company Various Wells T. 39 S., R. 23 E. San Juan County, Utah Lease SL-067701 & SL-067710C

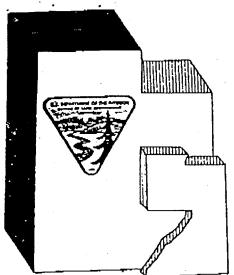
CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Sunfield Energy Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UTO922 (Principal - Sunfield Energy Company) via surety consent as provided for in 43 CFR 3164.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.



FAX TRANSMITTAL MOAB DISTRICT OFFICE

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FROM:	Vulere_		··
SUBJECT:_	Chanse of	Qanalor	
NUMBER OF	PAGES:	3	
DATE:	8/24/93		
TIME:	4:43	·	·
FAX MACHI	NE NO.:		
COMMENTS:			



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

September 17, 1993

Amoco Production Company Amoco Building 1670 Broadway P.O. Box 800 Denver, Colorado 80201

Re: Conversion of the Anschutz Ranch No. W31-12 Well Located in Section 31,

Township 4 North, Range 8 East, Summit County, Utah, to a Class II Injection

Well

Gentlemen:

In accordance with Utah Admin. R. 649-5-3-3, administrative approval for conversion of the referenced well to a Class II injection well is granted.

The following actions are necessary to fully comply with this approval:

- 1. Compliance with the Underground Injection Control requirements for operation, maintenance and reporting for Class II injection wells pursuant to Utah Admin. R. 649-1 et seq.
- 2. Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

Associate Director, Oil and Gas

ldc WUI229



PERATOR CHANGE HORKSHEET	.		Routing:
ttach all documentation received by the division reg nitial each listed item when completed. Write N/A i	parding this change. If item is not applica	ble.	2-DT8775 3-VLC 4-RJF
	□ Designation of□ Operator Name C		5-EL' 6-SJ
he operator of the well(s) listed below h	as changed (EFFEC	TIVE DATE: 9-01-9	1)
O (new operator) SUNFIELD ENERGY COMPANY . (address) 3315 BLOOMFIELD HWY FARMINGTON, NM 87401	FROM (former 	operator) DUGAN PROD (address) 709 E MURI PO BOX 420 FARMINGTOR	RAY DRIVE
phone <u>(505) 326–5525</u> account no. <u>N</u> 1760		phone <u>(50</u> account n	5) 325-1821 O. N 2140
<pre>{e]](s) (attach additional page if needed):</pre>	*		
Name: API:	5328 Entity: 627 Entity: Entity: Entity:	_ Sec <u>30 Iwp398</u> Rng 231	Lease Type: SLU67/01 Lease Type: Lease Type:
OPERATOR CHANGE DOCUMENTATION			
for 1. (Rule R615-8-10) Sundry or other operator (Attach to this form). (Le		tion has been rece	ived from <u>former</u>
(Attach to this form). # see Bill of Sale	egal documentation and Assignment (feel	n has been received (1826-187)	from <u>new</u> operator
operating any wells in Utah. Is yes, show company file number:	company registere 	d with the state? (yes/no) If
4. (For Indian and Federal Wells ONL (attach Telephone Documentation F comments section of this form. M changes should take place prior to	form to this rep Management review completion of ste	ort). Make note o of Federal and Ind ps 5 through 9 below	f BLM status in ian well operator
5. Changes have been entered in the O listed above. (8-30-93)	il and Gas Inform	ation System (Wang/I	BM) for each well
£ 6. Cardex file has been updated for each			
7. Well file labels have been updated	for each well lis	sted above. (8-30-93)	
8. Changes have been included on the for distribution to State Lands and	d the Tax Commissi	on. (8-30-93)	
9. A folder has been set up for the option placed there for reference during in	Operator Change for couting and process	ile, and a copy of t ssing of the original	his page has been documents.

RATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
TITY REVIEW
1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/ho) (If entity assignments were changed, attach <u>copies</u> of Form 6, Entity Action Form).
A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.
ND VERIFICATION (Fee wells only)
Al. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
A 2. A copy of this form has been placed in the new and former operators' bond files.
A 3. The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
ASE INTEREST OHNER NOTIFICATION RESPONSIBILITY 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated
LMING
1. All attachments to this form have been microfilmed. Date: 920 1993
LING
the language of all attachments to this form have been filed in each well file. Le2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
* other wells handled on separate change.
920302 Bim Much No decumentation. (Reterred operator "Suntield" to the Bim)
920821 Bym /nloab "
921215 8/m/meab "
930830 Btm/Moab Approved 8-18-93 eff. 9/91. (Bill of Sale eff. date 9-1-91)

E71/34-35

FORM 3160-5 (June 1990)

1. Type of Well Oil Well 2. Name of Operator Basin Explo 3. Address and Telepi 370 17th St., 4. Location of Well (1

Section 29-T39S-R23E

DUKEAU OF	LAND	INTAINAGEMENT	

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED

Budget Bureau No. 1004-0135 Expires: March 31 1993

	Expired: Marie 11, 1995
5.	Lease Designation and Serial No.
	SL 067701

6. If Indian, Allottee or Tribe Name

N/A

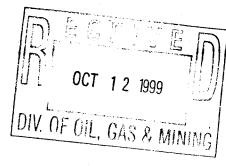
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation Bluff			
Type of Well				
Oil Gas Well Other	8. Well Name and No. Bluff #16			
Name of Operator	9. API Well No. 4303730989			
Basin Exploration Incorporated	10. Field and Pool, or Exploratory Area			
Address and Telephone No.	Desert Creek			
370 17th St., Suite 3400 - Denver, Colorado 80202	11. County or Parish, State			
Location of Well (Footage, Sec., T., R., m., or Survey Description) 330' FSL & 1980' FEL	San Juan Co., Utah			

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION					
Notice of Intent	Abandonment	Change of Plans				
	Recompletion	New Construction				
X Subsequent Report	Plugging Back	Non-Routine Fracturig				
	Casing Repair	Water Shut-Off				
Final Abandonment Notice	Altering Casing	Conversion to Injection				
	X Other Change of Operator	Dispose Water				
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)				

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that effective August 16, 1999 Basin Exploration, Inc. assumed operatorship of the referenced well. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Basin Exploration, Incorporated under their Nationwide bond, BLM Bond Number WY3181. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.



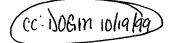
14. I hereby certify that the foregoing is true and correct		
Signed Leny 2. Hol	Title Engineering Technician	Date 10/7/99
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States andy false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction.

SUNDRY NOT	UNITED STATES ARTMENT OF THE INTE PREAU OF LAND MANAGEMENT FICES AND REPORTS	RECEIVED RECEIVED	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No. SL 067701
Do not use this form for propous Use "APPLI	osals to drill or to deepen o CATION FOR PERMIT -" fo	r reentry a different reservoi or such proposals	6. If Indian, Allottee or Tribe Name N/A
SUL 1. Type of Well Oil Gas Well Well Other	BMIT IN TRIPLICATE	070 FARMINGTON, N	7. If Unit or CA, Agreement Designation Bluff 8. Well Name and No. Bluff #16 9. API Well No.
2. Name of Operator			4303730989
Basin Exploration Incorpor 3. Address and Telephone No.	atea		10. Field and Pool, or Exploratory Area Desert Creek
370 17th St., Suite 3400 - De 4. Location of Well (Footage, Sec., T., R., m 330' FSL & 1980' FEL Section 29-T39S-R23E	nver, Colorado 80202 , or Survey Description)		11. County or Parish, State San Juan Co., Utah
12. CHECK APPROI	PRIATE BOX(s) TO INDIC	ATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF A	CTION
Notice of Intent X Subsequent Report Final Abandonment I	Abandonment Recompleti Plugging B Casing Repart Altering Ca Other	ion rack pair	Change of Plans New Construction Non-Routine Fracturig Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
ally drilled, give subsurface locations Please be advised of the referenced provided by Basin WY3181. They w	and measured and true vertical depths for that effective August 16, 19 well. Bond coverage pursua Exploration, Incorporated	99 Basin Exploration, Inc. as ant to 43 CFR 3104 for lease a under their Nationwide bond iance under the lease terms a	sumed operatorship activities is being d. BLM Bond Number
OCT 2 2 1999			RECEIV 110 AB FIELD 1999 OCT 18

OCT 22 1999 DIV. OF OIL, GAS & MINING		CONDITIONS OF APPROVA		RECEIVED HOAB FIELD OFFICE INN OCT 18 P 2号1
4. I hereby certify that the foregoing is true and correct Signed Levy L. Hoffman	_ Title_	Engineering Technician	Date	10/7/99
Approved by Conditions of approval, if any:	Title_	Assistant Field Manager, Division of Resources	Date	10/19/99

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States andy false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction.



Basin Exploration Incorporated Well No. 16 SESE Sec. 29, T. 39 S., R. 23 E. Lease SL067701 San Juan County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Basin Exploration Incorporated is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WY3181 (Principal - Basin Exploration Incorporated) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

WELL NAME

API Number

Page 1 of 09/15/1999

WATER (BBL)

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Well

Status

Well

Type

Days

Oper

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS

Entity Location

CAROLYN BRYANT
SUNFIELD ENERGY COMPANY
16285 PARK TEN PL #600
HOUSTON, TX 77084-5113

Producing

Zone

UTAH ACCOUNT NUMBER:	N1760
REPORT PERIOD (MONTH/	(EAR): 8 / 1999
AMENDED REPORT [(Hig	Jhlight Changes)

OIL (BBL)

Production Volumes

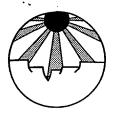
GAS (MCF)

BLUFF U #9 4303715327 00625	39S 23E 30	DSCR		OW		SL-067701			
BLUFF U ST #1	7.0								
4303720236 00625	39S 23E 32	DSCR	,	OW		ml-2008			
BLUFF U #14 4303730533 00625	39S 23E 30	DSCR	,	OW		SL-067701			
BLUFF 10 4303715328 00627	39S 23E 30	DSCR		OW		SL-067701			
BLUFF STATE #2 4303716538 00629						ML-2008			
FF 16	39S 23E 32	IS-DC		OW		1112-2008			
4303730989 00632	39S 23E 29	DSCR		OW		SL-067701			
				1.10		ser r			
		·)	40			
		<i>(</i>)			-				
							·		
				T	OTALS				
COMMENTS :									
wereby certify that this report is true and complete to the best of my knowledge. Date:									
Name and Signature:					Te	elephone Num	ber:		
		· '							

STATE OF UTAH DIVISION WOLL, GAS AND MINING

	DIVISION OWOIL, GAS AND N	MINING				
· .			5. Lease Designation and Serial Number: SL 067701			
SUNDRY	NOTICES AND REPORT	TS ON WELLS	6. If Indian, Allottee or Tribe Name:			
			7. Unit Agreement Name:			
Do not use this form for propo Use APPL	Bluff Unit					
I. Type of Well: OIL XX GAS	8. Well Name and Number:					
OIL M. GAS [OTHER:		Bluff #16			
2. Name of Operator:			9, API Well Number:			
Sunfield Energy Com	pany		43-037-30989			
3. Address and Telephone Number:			10. Field and Pool, or Wildcat:			
	e, Suite 600, Houston,	Texas 77084	Desert Creek			
4. Location of Well Footages: 330 FS1	& 1980' FEL		county: San Juan			
QQ, Sec.,T.,R.,M.: Section 2			State: Utah			
Section 2						
11. CHECK APPRO	PRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REP				
	CE OF INTENT mkt in Duplicate)		EQUENT REPORT It Original Form Only)			
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction			
Casing Repair	☐ Pull or Alter Casing	Casing Repair	☐ Pull or Alter Casing			
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize			
Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	□ Vent or Flare			
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat				
☐ Multiple Completion	☐ Water Shut-Off	Other				
KNOther Change of Op	<u>erator</u>					
•		Date of work completion				
Approximate date work will start			Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.			
		* Must be accompanied by a cement ver	* Must be accompanied by a cement verification report.			
change of operator	pertinent to this work.)	and give pertinent dates. If well is directionally dri Ompany to Basin Explorat Deing August 16, 1999.				
		DIV. OF	AUG 1 6 1999 OIL, GAS & MINING			
13. Name & Signature: Cauoly	- Bryant caro	lyn Bryant TWe: Regulatory	Coordinator Date: 8-13-			

(This space for State use only)



SUNFIELD ENERGY COMPANY

A subsidiary of Harken Energy Corporation

December 28, 1998

Bureau of Land Management Utah State Office Branch of Fluid Minerals 324 South State, Suite 310 Salt Lake City, UT 84111-2303 JAN 0 6 199

JUREAU OF LAND MAMAGEMENT

RE:

Bluff Unit - 1997/1998 Plan of Development

Agreement No. 1 - Section 782

San Juan County, Utah

Gentlemen:

On March 3, 1998, Sunfield Energy Company submitted its proposed Plan of Development for the Bluff Unit. However, due to the continued decline of oil prices during 1998 the Bluff #10 remains in a Temporarily Abandoned status and has not been permanently abandoned.

Sunfield Energy will permanently abandon the Bluff #10 wellbore located in Section 30-39S-23E, San Juan County, Utah, but wishes to postpone said plugging until such time that product prices rise above current levels. Therefore, Sunfield respectfully request an exception to the original Plan of Development as filed in March of 1998.

Sunfield Energy will address future proposals/plans for the Bluff Unit with the filing of the 1998/1999 Plan of Development.

Very truly yours,

SUNFIELD ENERGY COMPANY

Ms. Rachelle Whiteman Production Administrator

CC: Bruce Huff

Mike Childers R. O. Cottle

K. O. Come

Steve Mansur

MacArthur Center II / 5605 N. MacArthur Blvd., Suite 400 / Irving, Texas 75038 P.O. Drawer 612007 / Dallas, Texas 75261 214-753-6900



Division of Oil, Gas and Mining

c:\dons\wpdocs\forms\operchng

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change. Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	
1-KDR	6-KAS
2 -CLH	7-53
3-JRB	8-FILE
4=CDW /	·
5-KDR Y	

	ge of Operat gnation of O	tor (well sold perator)	☐ Designa ☐ Operate		_	Only	у .				
The opera	ator of the w	ell(s) listed b	elow ł	nas changed, effe	ctive: _	8-16-9	9	-				
TO: (new	w operator) (address)		STREI CO 80	ET STE. 1800 0202 5-8000	ROM:	(old ope	erator) (addr		HOUS CA	85 F STON AROI e: _(D ENERGY PARK TEN P 1, TX 770 2YN BRYANT (281) 717-1 no. N1760	7L #600 184 1305
WELL(S	S) attach addition	onal page if need	ied:		BLUFF	UNIT						
Name: B Name: B Name: B	LUFF U #9 LUFF U ST LUFF U #14 LUFF 10 (LUFF STATE	(POW) (SOW) 2 (SOW)	API: API: API: API: API: API:	43-037-15327 43-037-20236 43-037-30533 43-037-15328 43-037-16538 43-037-30989	Entity: Entity: Entity: Entity:	00625 00625 00625 00627 00629 00632		32 T 30 T 30 T 32 T	39S 39S 39S	R R R	23E Lease: 23E Lease: 23E Lease: 23E Lease: 23E Lease: 23E Lease: Lease: Lease:	SL-06770 ML-2008 SL-06770 SL-06770 ML-2008 SL-06770
OPERA'	TOR CHAI	NGE DOCU	MENT	TATION								
KDR-2.	(r649-8-10)) Sundry or	other l	al documentation	ion has							
<u>U</u> A3.	form). The Depar wells in Ut	rtmont of Co	mmei	ce has been contregistered with	acted if	the new	oper/no)_	ator a	bove i If yes	s no , sho	t currently ow company	operating any y file number:
LD 4.	FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.											
LDF 5.	Changes ha	ave been ente	red in	the Oil and Gas	Inform	ation Sy	stem	(327	0) for 6	each	well listed	above.
WR-6.	Cardex file	e has been up	dated	(2, for each well list	ed abov	e.		,	٥			
JH 7.	Well file la	ibels have be	en upo	lated for each we	ll listed	above)	k nei	w +	Tillng	Si	ßten	
₩-8.	Changes ha	ve been inclu	ded on	the monthly "Onds, UGS, Tax Co	perator,	Address,	, and	Acco	ınt Ch	ange	es" memo f	or distribution
KDR 9.	A folder h	as been set u	ip for	the Operator C rocessing of the	hange f original	ile, and docume	a cor	oy of	this pa	ige l	nas been pl	aced there for

- OVER -

ENTIT	Y REVIEW
LDL1.	(r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
<u>FD</u> -2.	Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.
	VERIFICATION - (FEE WELLS ONLY)
NH 1.	(r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operator's bond files.
1 3.	The FORMER operator has requested a release of liability from their bond (yes/no), as of today's date If yes, division response was made to this request by letter dated
LEASE 1.	INTEREST OWNER NOTIFICATION OF RESPONSIBILITY Limit Sunt Copies of documents have been sent on 10.27.99 to 14 billion at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
MH 2.	(r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated19, of their responsibility to notify all interest owners of this change.
FILMIN	IG
\$ 1.	All attachments to this form have been microfilmed. Today's date: APR. 1 3 2000
FILING	
1.	Copies of all attachments to this form have been filed in each well file.
2.	The original of this form, and the original attachments are now being filed in the Operator Change file.
COMM	ENTS
99100x 991008 991008	Lalled Basin Expl. regarding Sundries from them. (left message) Lec'd fax from Terry Hoffman including Sundries fr. Basin Exploration. Sent I-mail to Ed Bonner to Check for Bonding.
*	

OPERATOR CHANGE WORKSHEET (cont___d) - Initial each item when completed. Write N' if item is not applicable.

State of Delaware

Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF "BASIN EXPLORATION, INC.", CHANGING ITS NAME FROM "BASIN EXPLORATION, INC." TO "STONE ENERGY, L.L.C.", FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



Darriet Smith Windson Harriet Smith Windson

2289801 8100

AUTHENTICATION: 0958659

010060875

DATE: 02-06-01

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 03:30 PM 02/01/2001 010053850 - 2289801

CERTIFICATE OF CONVERSION OF BASIN EXPLORATION, INC. INTO STONE ENERGY, L.L.C.

February 1, 2001

UNDER SECTION 266 OF THE GENERAL CORPORATION LAW OF THE STATE OF DELAWARE AND SECTION 18-214 OF THE DELAWARE LIMITED LIABILITY COMPANY ACT

Basin Exploration, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Company"), DOES HEREBY CERTIFY THAT:

- 1. Name of Corporation to be Converted. The name of the Company immediately prior to conversion is Basin Exploration, Inc., and the name under which the Company was originally incorporated was Basin Exploration, Inc.
- 2. Original Date and Jurisdiction of Incorporation. The original certificate of incorporation of the Company was filed on March 2, 1992 with the Secretary of the State of Delaware.
- 3. Name of Limited Liability Company. The name of the limited liability company into which the Company will be converted is Stone Energy, L.L.C.
- 4. Approval of Conversion. This conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of Delaware and Section 18-214 of the Delaware Limited Liability Company Act.
- 5. Effective Time. The effective time of the conversion of the Company to a limited liability company contemplated hereby shall be February 1, 2001.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion as of the date first written above.

BASIN EXPLORATION, INC.

Andrew L. Gates, III

Attorney In Fact

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 03:30 PM 02/01/2001 010053850 - 2289801

CERTIFICATE OF FORMATION OF STONE ENERGY, L.L.C.

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

- 1. Name. The name of the Company is "Stone Energy, L.L.C."
- 2. Registered Office; Registered Agent. The address of the registered office required to be maintained by Section 18-104 of the Act is:

1209 Orange Street Wilmington, Delaware 19801

The name and address of the registered agent for service of process required to be maintained by Section 18-104 of the Act are:

The Corporation Trust Company 1209 Orange Street Wilmington, Delaware 19801

3. *Effective Time.* The effective time of the formation of the Company contemplated hereby is February 1, 2001.

EXECUTED as of the date first written above.

Andrew L. Gates, III

Authorized Person

State of Delaware Office of the Secretary of State

PAGE 2

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "STONE ENERGY, L.L.C." FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



Warriet Smith Windson, Secretary of State

2289801 8100V

AUTHENTICATION: 0950237

DATE: 02-01-01

010053850

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 03:30 PM 02/01/2001 010053850 - 2289801

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EXECUTED as of the date first written above.

Andrew L. Gates, III
Authorized Person

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING							5. L	5. LEASE DESIGNATION AND SERIAL NUMBER:			
	SUNDRY	6. IF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:								
Do	not use this form for proposals to drill no drill horizontal la	7. U	7. UNIT or CA AGREEMENT NAME:								
1. T	YPE OF WELL OIL WELL	8. V	VELL NAME and NUMBER:								
2. N	AME OF OPERATOR:						9. A	PI NUMBER:			
3. Al	ODRESS OF OPERATOR:					PHONE NUMBER:	10.	FIELD AND POOL, OR WILDCAT:			
4. L0	CITY DCATION OF WELL		STATE ZIF								
	OOTAGES AT SURFACE:						cou	JNTY:			
Q	TR/QTR, SECTION, TOWNSHIP, RAN	ЭE, МI	ERIDIAN:				STA	.TE: UTAH			
11.	CHECK APPR	ROP	RIATE BOXES TO INDICA	TE N	ATURE	OF NOTICE, REP	ORT,	OR OTHER DATA			
	TYPE OF SUBMISSION				1	YPE OF ACTION					
	NOTICE OF INTENT		ACIDIZE		DEEPEN			REPERFORATE CURRENT FORMATION			
ш	(Submit in Duplicate)		ALTER CASING		FRACTUR	E TREAT		SIDETRACK TO REPAIR WELL			
	Approximate date work will start:		CASING REPAIR		NEW CON	STRUCTION		TEMPORARILY ABANDON			
			CHANGE TO PREVIOUS PLANS	x	OPERATO	R CHANGE	. [TUBING REPAIR			
			CHANGE TUBING		PLUG AND	ABANDON	Ē	VENT OR FLARE			
X	SUBSEQUENT REPORT (Submit Original Form Only)		CHANGE WELL NAME		PLUG BAC	К		WATER DISPOSAL			
	•		CHANGE WELL STATUS		PRODUCT	ION (START/RESUME)		WATER SHUT-OFF			
	Date of work completion:		COMMINGLE PRODUCING FORMATIONS		RECLAMA	TION OF WELL SITE		OTHER:			
			CONVERT WELL TYPE		RECOMPL	ETE - DIFFERENT FORMATIO	N				
12.	DESCRIBE PROPOSED OR CO	MPL	ETED OPERATIONS. Clearly show all	pertine	ent details i	ncluding dates, depths, volu	ımes, etc	o.			
	Effective 2/1/	01	Basin Exploration,	Inc	orpora	ited merged wi	th S	tone Energy. The			
	new name is as	IC	Stone En	erg	v. L.I						
						ite 2800					
			Denver,	CO 3	80202						
			Blanket	Bon	d #RLI	30002054					
	Attached is the attached for y	e 1	list of wells that files is a copy of	wil th	l be e e merg	effected in th ger documentat	e St	ate of Utah. Also			
	Støne Energy,	/ L.I	.∕.c.			oloration, Inc					
			<i>(</i>	_	رير	W Dott					
	1 4/2	v			_	. Gentry Ope	roti	one Manager			
	Pat Jackson - Manager	Dei	nver District	Ger	ard D.	Gentry Zope	latı	ons hanager			
NAM		y]	L. Hoffman		тг	TLE Engineer	ing	Technician			
SIG	NATURE Jerry		1- Hoffman		DA	ATE 2/1/01					
(This :	space for State use only)						-				

MAR 0 5 2001

Lease #	Well Name & Number	API Number	Field Wildeat	Legal Location	County Can Juan
UTU 75140 SL 067701	Bluff #10	4303715328	Desert Creek	SW SW 30-T39S-R23E	San Juan
SL 071403A	Bluff #13-4	4303730726	Bluff	NW SE 4-T40S-R23E	San Juan
SL 067701	Bluff #16	4303730989	Desert Creek	SW SE 29-T39S-R23E	San Juan
ML 2008	Bluff #2	4303716538	Desert Creek	SE NW 32-T39S-R23E	San Juan
SL 071403A	Bluff #42-5	4303730866	Desert Creek	SE NE 5-T40S-R23E	San Juan
SL 071403A	Bluff #44-5	4303715867	Bluff	SE SE 5-T40S-R23E	San Juan
892000782A	Bluff #9	4303715327	Desert Creek	NE SE 30-T-39S-T23E	San Juan
892000782A	Bluff State #1	4303720236	Desert Creek	NW NW 32-T39S-R23E	San Juan
SL 067701	Bluff Unit #14	4303730533	Desert Creek	NE SE 30-T-39S-T23E	San Juan
1420603248	Desert Creek #11-35	4303731806	Wildcat	NW NE 35-T41S-R23E	San Juan
1420603248	Desert Creek #2	4303715868	Desert Creek	SE SE 35-T41S-R23E	San Juan
1420603270	Navajo Tribal #23-1	4303710535	Tohonadla	NE NE 2-T42S-21E	San Juan
U-01890	Recapture Creek #1	4303715871	Recapture Creek	SE SE 21-T40S-R23E	San Juan
U-01890	Recapture Creek #2	4303730727	Recapture Creek		San Juan
U-01890	Recapture Creek #3	4303730926	Recapture Creek	NW SE 21-T40S-R23E	San Juan
1420603229	Tohonadla #1	4303715872	Tohonadla	SW SE 35-T41S-R21E	San Juan
1420603229	Tohonadla #23-35	4303715874	Tohonadla	NE SW 35-T41S-R21E	San Juan
1420603229	Tohonadla #2-35	4303731568	Tohonadla	N2 S2 35-T41S-R21E	San Juan



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 SL-067701 et al (UT-932)

MAR ? 3 2001

NOTICE

Stone Energy, L.L.C. 1670 Broadway, #2800 Denver, CO 80202 Oil and Gas Leases

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Basin Exploration, Inc. to Stone Energy, L.L.C. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on oil and gas bond WY3181 is required to be changed from Basin Exploration, Inc. to Stone Energy, L.L.C. You may accomplish this change either by consent of the surety on the original bond or by a rider to the original bond. The rider should be submitted to the Wyoming State Office.

ROBERT LOPEZ

Robert Lopez Chief, Branch of Minerals Adjudication

Enclosure Exhibit of Leases

RECEIVED

MAR 2 7 2001

DIVISION OF OIL, GAS AND MINING

MMS-Reference De Branch, MS 3130, Box 5860, Denver, 80217 State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801 cc:

Teresa Thompson (UT-931)

Rhonda Flynn/Angela Williams (UT-942)

Vernal Field Office Moab Field Office Price Field Office San Juan Field Office

EXHIBIT A LEASES AFFECTED BY NAME CHANGE

SL-067701	SL-067710A	SL-071403A
U-01058	U-01890	U-056794
U-23147	U-37841	UTU-72671
UTU-73064	UTU-73734	UTU-74461
UTU-75000	UTU-75013	UTU-75140
UTU-75501	UTU-76062	UTU-76303
UTU-76304	UTU-76728	UTU-76865
UTU-76957	UTU-77288	UTU-77289
UTU-77299	UTU-77528	UTU-77529
UTU-77536	UTU-78027	UTU-78226
UTU-78227	UTU-78230	UTU-78441
UTU-78522	UTU-78730	UTU-79006
UTU-79007	UTU-79008	UTU-79009
UTU-79131	UTU-79182	UTU-79183
UTU-79148	U-63011X (Bluff Unit)	U-63020X (Recapture Creek)

for wells listed on:

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	4-KAS
2. CDW	5-870 V
3. JLT	6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change (Only)

Merger

The operator of the well(s) listed below has cha	nged, effective:	2/1/2001				
FROM: (Old Operator):		TO: (Ne	w Operator):			
BASIN EXPLORATION INC			NERGY LLC			
Address: 1670 BROADWAY, STE 2800			1670 BROAI	OWAY, STE	2800	
Addiess. 1070 BROND WITT, 512 2500						
DENVER, CO 80202		DENVER	, CO 80202			
Phone: 1-(303)-685-8000		Phone:	1-(303)-685-8	8000		
Account No. N5070		Account	No. N1555			
CAI	No.	Unit:				
WELL(S)						1
	API	i .	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	TYPE	TYPE	STATUS
BLUFF 16	43-037-30989	632	29-39S-23E	FEDERAL	OW	P
BLUFF 10	43-037-15328	627	30-39S-23E	FEDERAL	OW	TA
BLUFF 2	43-037-16538	629	32-39S-23E	STATE	OW	S APD
TORREYS FEDERAL 43-12	43-037-31807	99999	12-40S-22E		OW	APD
BIERSTADT FEDERAL 11-13	43-037-31793	99999	13-40S-22E		OW OW	P
RECAPTURE CREEK 2	43-037-30727	6255	21-40S-23E 21-40S-23E	FEDERAL		S
RECAPTURE CREEK 3	43-037-30926	8450	21-403-23E	FEDERAL	OW	
		 				
OPERATOR CHANGES DOCUMENTATIO	N .			<u> </u>	L	1
OPERATOR CHANGES DOCUMENTATIO	11					
1. (R649-8-10) Sundry or legal documentation was received	ed from the FORM	ER operato	or on:	03/05/2001	_	
1. (R04)-0-10) buildly of legal documentaria		•			-	
2. (R649-8-10) Sundry or legal documentation was received	ved from the NEW o	operator on:		03/05/2001	_	
						00/00/00
3. The new company has been checked through the Depa	rtment of Commer	ce, Divisio	n of Corporat	ions Databas	se on:	03/28/200
4. Letter any appearance recognized in the State of Litab:	YES	Business	Number:	4874937-016	51	
4. Is the new operator registered in the State of Utah:	1100	_ Pasmess	1100010		_	
5. If NO , the operator was contacted contacted on:	N/A					
6. Federal and Indian Lease Wells: The BLM	and or the RIA ha	s approve	d the (merge	er, name ch	ange.	
or operator change for all wells listed on Federal or In	dian leases on:	- appro . c	03/23/2001		<i>U</i> ,	
or operator change for an wens used on rederat of in-	didil iodoco oii.			_		

03/23/2001

8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9.	Underground Injection Control ("UIC") Prog: The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
D	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 03/29/2001
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/29/2001
3.	Bond information entered in RBDMS on: N/A
4.	Fee wells attached to bond in RBDMS on: N/A
S	TATE BOND VERIFICATION:
1.	State well(s) covered by Bond No.: N/A
	The FORMER operator has requested a release of liability from their bond on: N/A The Division sent response by letter on: N/A (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
	LMING: All attachments to this form have been MICROFILMED on: APR. 25 200
1.	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on: OMMENTS:

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES									
	5. LEASE DESIGNATION AND SERIAL NUMBER:								
-	SL 067701								
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:								
SUNDRY	N/A								
Do not use this form for proposals to drill ne	7. UNIT or CA AGREEMENT NAME: N/A								
1. TYPE OF WELL	w weeks, significantly despen exactly booking to the proposals. Lise APPLICATION FOR PERMIT TO DRILL form for such proposals.	8. WELL NAME and NUMBER:							
OIL WELL	GAS WELL OTHER	Bluff #16							
2. NAME OF OPERATOR:		9. API NUMBER:							
Stone Energy, L.L.C	N 1555	4303730989							
3 ADDRESS OF OPERATOR:	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:							
1801 Broadway, St. 700	Denver STATE CO ZIP 80202 (303) 685-8000	Bluff							
4. LOCATION OF WELL	The state of the s								
FOOTAGES AT SURFACE: 330 FS	St. and 1980 FEL	county: San Juan							
OTR/OTR SECTION TOWNSHIP RANG	GE, MERIDIAN: SWSE 29 39S 23E	STATE:							
Q. I. G.	THE STATE OF STATE OF SAME LIBERTANCES AND LIBERTANCES	HATU							
CHECK APPE	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA							
The second secon	TYPE OF ACTION								
TYPE OF SUBMISSION		REPERFORATE CURRENT FORMATION							
NOTICE OF INTENT	ACIDIZE DEEPEN	SIDETRACK TO REPAIR WELL							
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	<u></u>							
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON							
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR							
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE							
SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL							
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF							
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: Transfer of Interest/							
		Operations							
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION								
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu	mes, etc.							
	Therew I.I.C. is transferring title interest and operations of	this well to Matrix Production							
Eπective June 1, 2004, St	is is 5725 Commonwealth Blvd., Sugar Land, Texas 77479, Tele:	281-265-1212. The Matrix bonding							
Company, whose address	As 11 St. Da & A A M HTA Insurance Company pully No.	U1102							
	tata at Litab Litiet lange	insurance company con-							
B 001043 for \$	10,000.00 and (3) BLM lands U.S. Special	hy Insurance Company							
Bond No. B 001 041 for \$ 25,000.00									

MATRIX PRODUCTION COMPANY	N2660
BV: 2 . 2	
(Signature	
Name: Larry W. Lathrop	

Title: Vice President

Date: 6/30/2004

Denver District Manager

6/30/2004

(This space for State use only)

NAME (PLEASE PRINT) Michael E. Cuba

APPROVED 10 127 04

Division of Oil, Gas and Mining (See Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED OCT 0 4 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has char	nged, e	ettectiv	e:			6/1/2004			
FROM: (Old Operator):				TO: (New Operator):					
N1555-Stone Energy, LLC				N2660-Matrix Production Company					
1801 Broadway, Suite 700				5725 C	ommonwea	lth Blvd			
Denver, CO 80202				Sugar L	and, TX 77	479			
Phone: 1-(303) 685-8000				Phone: 1-(281)	265-1212	101.00			
CA No.	•			Unit:		see b	elow		
VELL(S)									
JAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
LUFF 16	29	390S	230E	4303730989	632	Federal	OW	P	
LUFF ST 2	32	390S	230E	4303716538	629	State	OW	S	
ECAPTURE CREEK 2	21	400S	230E	4303730727	6255	Federal	OW	P	
ECAPTURE CREEK 3	21	400S	230E	4303730926		Federal	OW	S	
OHONADLA 1	35	410S	210E	4303715872	11202	Indian	OW	P	
OHONADLA 23-35	35		210E	4303715874	11202	Indian	OW	P	
OHONADLA 2-35	35	410S	210E	4303731568	11202	Indian	OW	P	
DESERT CREEK 2	35		230E	4303715868	6270	Indian	OW	P	
AVAJO TR 23-1	02	420S	210E	4303715540	6230	Indian	OW	P	
		a a a a a a a a a a a a a a a a a a a							
RECAPTURE UNIT	21	400S		4303715871		Federal	OW	S	
ECAPTURE CREEK 1	121	4005	230E	4303/138/1	0203	reuciai	OW	13	
BLUFF UNIT	7,40		*****			e rienes	1 2 4 5 5 1 7 3 7 3		
LUFF U 9	30	390S	230E	4303715327	625	Federal	OW	S	
LUFF U 14	30	390S	230E	4303730533	625	Federal	OW	P	
LUFF U ST 1	32		230E	4303720236	625	State	OW	S	
LUFF 13-4	04		230E	4303730726	11146	Federal	OW	P	
LUFF 44-5	05		230E	4303715867	11146	Federal	OW	P	
LUFF 42-5	05		230E	4303730866	11146	Federal	OW	P	
	<u> </u>	<u></u>	l			<u></u>		<u> </u>	
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed				FORMER		10/4/2004			
(R649-8-10) Sundry or legal documentation w							-		
. (R649-8-10) Sundry or legal documentation w	/as rec	eived f	rom the	e NEW operator	on:	10/4/2004	-		
. The new company was checked on the Depar	tment	of Co	mmerce	e, Division of C	orporation	s Database (on:	8/26/2004	
. Is the new operator registered in the State of U				Business Numb		5681279-014			
If NO , the operator was contacted contacted of				-			-		
6a. (R649-9-2)Waste Management Plan has been i	receive	ed on:			_			ě	
b. Inspections of LA PA state/fee well sites com	plete c	n:		n/a	_				

7. Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or Indian leases	*1
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for	or wells listed on: <u>not yet</u>
9. Federal and Indian Communization Agreements (The BLM or BIA has approved the operator for all wells listed	
10. Underground Injection Control ("UIC") The Inject, for the enhanced/secondary recovery unit/project for the v	Division has approved UIC Form 5, Transfer of Authority to water disposal well(s) listed on:
DATA ENTRY:	
1. Changes entered in the Oil and Gas Database on:	10/27/2004
2. Changes have been entered on the Monthly Operator Change S	pread Sheet on: <u>10/27/2004</u>
3. Bond information entered in RBDMS on:	10/27/2004
4. Fee/State wells attached to bond in RBDMS on:	10/27/2004
5. Injection Projects to new operator in RBDMS on:	<u>n/a</u>
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	n/a
FEDERAL WELL(S) BOND VERIFICATION: 1. Federal well(s) covered by Bond Number:	B001041
INDIAN WELL(S) BOND VERIFICATION: 1. Indian well(s) covered by Bond Number:	B001183
FEE & STATE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by	by Bond Number B001 <u>044 and B00</u> 1045
2. The FORMER operator has requested a release of liability from the The Division sent response by letter on:	neir bond on: held at TLA n/a
LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been correct of their responsibility to notify all interest owners of this change of	
COMMENTS:	

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUNDRY Do not use the	UREAU OF LAND MAN. NOTICES AND REF is form for proposals to iii. Use Form 3160-3 (A	 5. Lease Serial No. SL 067701 6. If Indian, Allow N/A 				
1 Type of Well	PLICATE- Other instr	7. If Unit or CA/A	IMTERIOR AND MGMT			
2. Name of Operator Matrix Produ	Gas Well Other			8. Well Name and Bluff #16 9. API Well No		
3a. Address 5725 Commonwealth Blvd., Su	· ···········	3b. Phone No. (include of 281-265-1212	area code)	43-037-3098 10. Field and Pool Bluff Field		
4. Location of Well (Footage, Sec., 7 SW SE Section 29-T39S-R23E			11. County or Par			
12. CHECK AF	PROPRIATE BOX(ES) TO	INDICATE NATURE	E OF NOTICE, RI	EPORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TYPl	E OF ACTION			
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab Water Disposal	andon	Water Shut-Off Well Integrity Other Transfer of Interest/Operations	
13. Describe Proposed or Complete	d Operation (clearly state all perting	nent details, including estin	nated starting date of ar	ny proposed work an	d approximate duration thereof.	

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Effective June 1, 2004, Stone Energy, L.L.C. is transfering title interest and operations of this well to Matrix Production Company, whose address is 5725 Commonwealth Blvd., Sugar Land, Texas 77479, Tele: 281-265-1212. The Matrix bonding is as follows: (1) BIA lands U.S. Specialty Insurance Company Bond No. B001183, for \$120,000.00 (2) State of Utah Trust lands, U.S. Specialty Insurance Company Bond No. B001043, for \$10,000.00 and (3) BLM lands U. S. Specialty Insurance Company Bond No. B001041, for \$25,000.00. UTB000136

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Vice President 01-07-05 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Division of Resources Moab Field Office 2005 Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

cc'upogm

anditions Attached

JAN 2 4 2005

FORM APPROVED

OM B No. 1004-0137 Expires: March 31, 2007

38

DIV. OF GIL, CIGS & MINING

Matrix Production Company Well No. Bluff 16 Section 29, T. 39 S., R. 23 E. Leases SL067701 San Juan County, Utah

CONDITIONS OF ACCEPTANCE

Acceptance of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Matrix Production Company is considered to be the operator of the above well effective June 1, 2004, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UTB000136 (Principal – Matrix Production Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43CFR 3106.7-2 continuing responsibility are met.